

## CLIMATOLOGICAL DATA FOR MAY, 1912.

## DISTRICT No. 6, MISSOURI VALLEY.

MONROSE W. HAYES, District Editor.

## GENERAL SUMMARY.

Seasonable conditions prevailed in the northern and western parts of the district. In the southeastern sections warm and dry weather was quite general, but the temperatures were not higher than they frequently are in May, and the lack of the normal amount of rainfall was not serious on account of copious precipitation earlier in the year. However, in almost every county of Kansas and Nebraska the need of more moisture was being felt at the end of the month. There were very few local storms of damaging strength, although on the 3d there were tornadoes in southern Kansas, but so far as known they were all to the south of the country drained by the Kansas and Osage Rivers, and were not in the Missouri River drainage area. Frosts occurred in almost all of the district, but there was none in the lower part during the latter half of the month, and nowhere was there any material damage from either frosts or freezing weather, for vegetation was not sufficiently advanced to suffer injury from moderately low temperatures. Considering the conditions in the aggregate they may be said to have been quite propitious for farming and all other outdoor pursuits.

## TEMPERATURE.

On the 12th a high-pressure area appeared over the north Rocky Mountain country and moved almost due south; it appears to have been dissipated on the 15th, but on the 12th, 13th, and 14th it spread eastward as far as Kansas City and was attended by the coolest weather of the month. This was the only cool wave that covered a territory of considerable extent; in it the temperatures ranged from several degrees above the freezing point along the Kansas-Missouri line to readings in the twenties in the mountain States. There were, of course, many places in the extreme western or mountainous part of the district at which the temperatures fell to points lower than 20°, and in Colorado and Wyoming the minimum at some stations was very close to zero, but at each of these places the elevation is very great or there is some other topographical feature peculiarly favorable for the occurrence of low temperatures. In the valley below Kansas City the 17th was the coolest day. The warmest days were the 22d and 23d in Missouri, the 26th in Nebraska, Kansas, and western Iowa, and the 9th, 26th, and 29th in the northern and western States. Every State in the district with the exception of Wyoming had temperatures of 90° or higher, and Kansas and Nebraska each had one station with a record of 100° on the 26th. The average daily temperature was 2° to 4° above the normal in Missouri, Kansas, western Iowa, and eastern and central Nebraska. In the other States of the district the departure from the normal was not uniformly in one direction. However, at most of the stations in the Dakotas the monthly mean was slightly higher than it usually is in May, and in Montana, Wyoming, and Colorado it was slightly lower.

## PRECIPITATION.

The precipitation in Montana, Wyoming, and the Dakotas was well distributed through the month. In Colorado most of it occurred before the 15th. In both Ne-

braska and Iowa there were general rains on the 4th and 10th, and in Iowa alone on the 11th, 26th, and 27th; in these two States there were scattered rains in the remainder of the month. Most of the rain fell in Kansas and Missouri on the 10th-11th and 25th-28th, but during the latter period the fall was not so general nor so heavy in Kansas as in Missouri. The areas in which the total precipitation for the month was in excess of the normal comprised Montana, North Dakota, and the upper portion of the South Platte watershed in Colorado. In the remainder of the district there was less than the normal May rainfall, the deficiency being most pronounced in Kansas, Nebraska, western Iowa, and western Missouri. However, there were several restricted and widely separated localities in this area of lightest rainfall in which there were excessive showers, and the greatest rainfall for the month, 7.04 inches, occurred at Eskridge, Kans., while the greatest fall in 24 consecutive hours was 4.90 inches at Grant City, Mo. There was practically no snow to the east of the mountain and foot-hill country, but in the mountains there were some quite heavy falls.

## RIVERS.

In Wyoming most of the streams were rising at the end of the month.

In South Dakota the Black Hills streams carried about the normal amount of water, and the Missouri River slightly more than the normal, while the James River was comparatively low for the season. Heavy rainfall in the Big Sioux River Valley on the 3d-4th caused a pronounced rise in that stream for nearly its entire length, inundating bottom lands and washing away some bridges.

The rivers of Nebraska and Kansas remained moderately low throughout the month, with the exception of the Smoky Hill at Lindsborg, Kans., which rose nearly 3 feet above flood stage on the 12th on account of heavy local rains, but not much damage was reported.

The Osage River in Missouri, which was in flood during the closing days of April, subsided rapidly during the first part of May; the damage was immaterial.

In the remainder of the Missouri River drainage area the stream stages were near normal.

## TORNADOES IN CENTRAL NEBRASKA IN APRIL, 1912.

In the April, 1912, Review mention was made of tornadoes in Central Nebraska on April 25. From reports of these storms since received it appears that between Mason City and Ansley, in southeastern Custer County, a schoolhouse, several other buildings, wagons, farm machinery, and fences were wrecked. About 20 persons, mostly the children who were in the schoolhouse, were injured—2 of them quite seriously—but there were no deaths. Another storm occurred near North Loup, in southeastern Valley County, about 35 miles to the northeast of the scene of the Mason City-Ansley storm. Here there seemed to be two storms running parallel, about one-quarter of a mile apart. Buildings were damaged, some destroyed, and a Union Pacific train was overturned, three of the coaches being badly damaged. There was no loss of life, but about 30 people, all passengers on the train, were injured.

## MONTHLY WEATHER REVIEW.

MAY, 1912

TABLE 1.—Climatological data for May, 1912. District No. 6, Missouri Valley.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.				Sky.				Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.			Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
					Highest.	Date.	Lowest.															
<i>Wyoming.</i>																						
Arapahoe.	Fremont.	2																	A. E. Dietz.			
Barnum.	Johnson.	5,500	7																Tbos. Freeguard.			
Basin.	Bighorn.	3,862	13																O. J. Robertson.			
Bennett.	Carbon.	3																	Chas. C. Young.			
Big Creek Station.	do.	7,500	1	43.8°	74	29	20	6	42°										U. S. Forest Service.			
Burns.	Laramie.	5,400	2	52.2	S1	17	28	3	42										E. W. Bastian.			
Casper.	Natrona.	5,101	3																M. C. Cook.			
Centennial.	Albany.	8,074	9	43.2	76	30	12	47	37	3,42									Louis A. Gregory.			
Cheyenne.	Laramie.	6,088	41	50.4	-0.6	81	30	25	13	39	1.37	-1.06	0.75	3.7	S	9	16	6	U. S. Weather Bureau.			
Chugwater.	do.	5,282	11	52.2	+1.5	84	25	24	7	46	1.98	-1.20	0.51		S	5	18	9	A. H. Woolever.			
Clark.	Park.	4,320	7	54.4		84	29	33	47	35	0.77		0.37	0	S	8	13	8	Chas. A. C. Snow.			
Cody.	do.	5,000	5	51.0		S2	29	29	47	37	1.05		1.01	0	S	7	12	10	D. A. Tinkcom.			
Crazy Creek.	do.	6,828	1	39.8		70	29	17	7	45	1.46		0.50	0.6	14	11	11	9	Jas. Smith.			
Dome Lake.	Sheridan.	8,821	4	33.0		60	29	6	13	27	3,42		0.80	0	S	12	12	15	Abe Mills.			
Douglas.	Converse.	4,793	3	51.8	SS	25	27	14	47	1.36		0.65	0	6					Henry C. Miller.			
Dubois.	Fremont.	6,909	5	42.4		75	29	11	13	52	0.24		0.11	1.0	3	13	12	6	Dr. F. H. Weitz.			
Eatons Ranch.	Sheridan.	4,600	7	52.4		84	29	27	13	36	3.78		0.80	20.0	9	20	S	3	F. A. Eaton.			
Echeta.	Crook.	4,200	3																M. R. Hunter.			
Elk Mountain.	Carbon.	7																	Wm. Richardson.			
Encampment.	do.	7,322	3	46.4°	75	31	20	47	37°	1.53			1.00	12.0	S	0	26°	0°	U. S. Forest Service.			
Ervay.	Natrona.	6,400	3																Frank Jameson.			
Fort Laramie.	Laramie.	4,270	34	56.3	+0.8	89	14†	30	1†	59	1.36	-0.97	0.30		S	7	15	14	2	w.		
Foxpark.	Albany.	9,015	2	30.0°	65	29	-	8	14	48°	2.77		1.20	27.0	4	13	9°	4°	w.			
Germania.	Bighorn.	4,312																	L. E. Watson.			
Gillette.	Crook.	4,546	6	50.2		83	29	28	2†	41	2.51			1.03	11.0	5	16	6	9	S. D. Perry.		
Horse Creek.	Fremont.	3,56				67	29	7	12	40	2.03		0.67	13.5	8	10	6	15	U. S. Forest Service.			
Hunters Station.	Johnson.	8,000	6	41.0		70	19†	9	13	39	1.77		0.54	19.0	7	19	5	7	Do.			
Hyattville.	Bighorn.	4,632	13	53.2	-1.4	87	18	29	13	39	0.78		0.64		6	8	11	12	Wm. Booth.			
Jireh.	Converse.	5,050	2																P. L. Ford.			
Kirtley.	do.	8																	D. M. Zum Brunnen.			
Kirwin.	Park.	9,187	3																C. L. Tewksbury.			
Knowles.	Crook.	4,500	3																Geo. A. Knowles.			
Lagrange.	Laramie.	4,510	2	53.8		88	25	20	1	50	2.40		1.08	0.0	11	21	9	1	w.			
Landier.	Fremont.	5,372	20	49.2	-2.8	82	29	18	5	42	2.62	-0.28	1.56	16.0	10	9	15	7	U. S. Weather Bureau.			
Laramie.	Albany.	7,188	21	45.4	-1.1	75	25†	17	15	44	0.90	-0.66	0.63	S. 2	4	23	2	6	University of Wyoming.			
Leo.	Carbon.	6,878	10																C. A. Cowdin.			
Lolabahama Ranch.	Park.	7,052	8	37.2		74	29	0	13	48	0.07		0.04		3	11	15	5	w.			
Lovell.	Bighorn.	3,825	6	51.0		82	25	25	1†	42	1.05		0.35		6	8	9	14	n.			
Lusk.	Converse.	5,007	21	50.4	-1.2	83	24	29	3	38	1.74	-1.01	0.80		5				D. E. Goddard.			
Manyville.	do.	5,050	2																C. A. Sherman.			
Moorecroft.	Crook.	4,111	8	50.0		80	9†	21	14†	38†	2.00		0.50	T.	7	6	9	15	C. T. McCampbell.			
Moore.	Albany.	6,000	11	50.8	+1.3	83	25	24	14	48	1.63	-0.72	0.70		6	2	17	12	Edwin Moore.			
Newcastle.	Weston.	4,319	5	54.2		84	25	28	5	38	1.62		0.38	0	8	9	16	6	Dr. S. W. Johnson.			
Pathfinder.	Natrona.	5,735	6	49.8		78	25†	23	14	38	2.05		0.58	14.0	9	6	16	9	U. S. Reclamation Service.			
Pinebluff.	Laramie.	5,038	9	52.9		83†	30	24	1	41	1.73		0.63		10				C. L. Beatty.			
Pine Ridge.	Crook.	4,376	4	52.9		85	29	26	2	41	0.86		0.57		7	13	7	11	J. E. S. Altaffer.			
Powell.	Park.	4,376	4	52.9		78	29	22	14	38	2.16		0.47		8	11	12	8	U. S. Reclamation Service.			
Rawlins.	Carbon.	6,748	9	47.2														E. J. Ehrenfeld.				
Riverton.	Fremont.	4,960	3	50.7		85	29	24	5	45	1.47		1.27		3	6	20	5	F. H. Allyn.			
Rocky point.	Crook.	6,785	14	46.6	-3.2	77	30	18	14	41	2.72		0.52	9.0	12	9	12	10	P. Woxen.			
Saratoga.	Carbon.	35.4				68	31	2	14	41	2.00		0.31	1.7	11	13	12	6	G. Frederick Clark.			
Seven Mile Creek.	Sheridan.	3,790	17	51.2	+1.0	86	29	27	13	46	2.27		1.45	13.0	7	8	12	3	U. S. Forest Service.			
Shoshone Dam.	Park.	5,385	6	51.0		81	29	20	3	42	0.56		0.05	0.7	11	9	11	11	U. S. Weather Bureau.			
Soldiers Home.	Johnson.	4,635	20															Joel C. Smiley.				
South Pass City.	Fremont.	7,873	10	40.0		71	29	14	14	38	1.15		0.27	6.5	10	9	12	10	John Sherlock.			
Sundance.	Crook.	49.9				80	25	23	6	39	2.20		0.70	5.0	6	18	5	5	Geo. W. Ashdown.			
Thermopolis.	Fremont.	4,350	8	53.5		84	29	30	0†	42	2.78		1.75	6.0	8	16	11	4	A. L. Duhig.			
Ulm.	Sheridan.	do.																	W. H. Coleman.			
Verona.	do.	4,360	3																O. A. Roode.			
Wheatland.	Laramie.	5,449	3	54.9		87	26	31	4	43	1.04		0.44		7	15	12	4	A. de F. Snively.			
Winters Ranch.	Carbon.	5,400	2															Ira G. Wiant.				
Wiley.	Park.	5,375	3															Thos. S. Harrison.				
Woodrock.	Sheridan.	do.																	U. S. Forest Service.			
Worland.	Bighorn.	1		54.3		87	29	28	13	46	1.43		0.55		10	18	8	sw.	Prof. B. C. Buffum.			
Wyncote.	Laramie.	5		54.4		86	25	31	1†	49	1.56		0.48		10	15	15	1	U. S. Reclamation Service.			
Yellowstone Park.	Yellowstone Park.	6,200	24	48.1	-4.3	70	29	23	13	34	2.17	+0.26	0.62	4.5	16	6	5	10	U. S. Weather Bureau.			
Fairview Dome.	do.	7,000	7	41.7		80	15†	18	2†	59*	0.68		0.27	3.0	3	23*	3*	4*	s.	U. S. Army.		
Fountain.	do.	7,220	6	37.9		67	29	16	2†	41	0.12		0.04		4	7	7	7	w.	Do.		
Gallatin.	do.	1																				
Grand Canyon.	Lewis and Clark.	7,900	5	37.8		64	29	10	13	43	1.20		0.60	10.0	5	5	18	8	n.	Do.		
Lake Yellowstone.	Lewis and Clark.	7,733	8	35.2		59	18†	7	13	39	2.89		1.00	15.0	8	21	10	5	sw.	Do.		
Norris.	Lewis and Clark.	7,575	8	37.2		65	18†	12	7	41	3.23		0.61	7.5	14	9	7	5	w.	Do.		
Riverside.	Lewis and Clark.	6,500	6	41.1		69	18†	16	13†	44	2.14		0.50	21.4	13	9	9	13	sw.	Do.		
Sylvan Pass.	Lewis and Clark.	7,000	5	40.2		72	29	17	1													

TABLE 1.—Climatological data for May, 1912. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.							Sky.	Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unadjusted.	Number of rainy days 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
<b>Montana—Continued. t</b>																				
Busteed.	Sweet Grass.	4	52.2	90	29	25	13	41	4.00	.....	0.98	2.5	10	13	13	5	w.	T. H. Busteed.		
Cabin Creek.	Beaverhead.	2	.....	.....	.....	.....	.....	.....	.....	1.44	0.47	19.5	12	11	10	10	nw.	W. J. Crowell.		
Canyon Ferry.	Lewis and Clark.	3,644	13	52.8	-1.1	82	15	31	47	45	1.70	-1.09	0.81	0	8	13	12	6	A. C. Pratt.	
Cascade.	Cascade.	3,361	7	53.4	.....	80	15	24	13	41	3.05	.....	1.07	T.	13	11	16	4	Dr. E. E. James.	
Chessman Reservoir.	Lewis and Clark.	5,275	3	42.0	.....	67	15	18	4	35	3.67	.....	1.71	28.0	8	19	9	C. D. Schmidt.		
Chester.	Hill.	3,149	8	53.8	.....	90	25	24	17	55	1.23	-0.41	0.54	0	6	11	7	E. D. Keith.		
Chinook.	Blaine.	2,502	13	54.4	-1.1	89 <sup>b</sup>	15	31 <sup>b</sup>	8	50 <sup>b</sup>	2.77	+0.31	1.49	0	6	11	7	T. O'Hanlon Co.		
Clearcreek.	.....	.....	.....	.....	.....	80	15	32	11 <sup>t</sup>	35	4.50	.....	1.15	0	8	13	6	Cortez Sedgewick.		
Clemens.	Lewis and Clark.	4,672	2	51.6	.....	.....	.....	.....	.....	.....	5.14	.....	2.00	1.2	8	3	15	13	Frank Eberl.	
Clydepark.	Park.	1	.....	.....	.....	.....	.....	.....	.....	1.47	.....	0.87	3.0	3	18	8	5	Frank Taylor.		
Conrad.	Teton.	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	I. S. Martine.		
Copper.	Meagher.	7	.....	.....	.....	.....	.....	.....	.....	3.37	.....	1.80	0.5	10	16	8	7	w.		
Crow Agency.	Rosebud.	3,041	29	54.8	-1.4	87	29	26	13	45	3.91	+1.42	0.87	T.	13	4	11	16	nw.	
Culbertson.	Valley.	1,927	9	53.5	.....	86	16	30	17	44	4.00	+1.47	0.85	0	13	7	12 <sup>a</sup>	nw.		
Cut Bank.	Teton.	3,700	13	50.6	+1.7	80	15	22	11	51	1.92	-0.94	1.30	5	21	8	2	w.		
Denton.	Fergus.	3,500	3	51.7	.....	80	15	29	1	35	3.04	.....	0.79	T.	13	13	6	12	nw.	
Dillon.	Beaverhead.	5,147	14	52.5	-0.5	84	15	32	4	44	3.83	+0.46	1.30	6.0	14	13	6	12	sw.	
Dirty Creek.	Meagher.	6,000	3	.....	.....	.....	.....	.....	.....	2.86	.....	1.30	4.0	12	11	8	12	w.		
Dry Creek.	Broadwater.	5,500	2	.....	.....	.....	.....	.....	.....	2.93	.....	0.82	5.9	13	8	10	13	sw.		
Dry Wolf Camp.	Cascade.	6,000	3	.....	.....	.....	.....	.....	.....	3.28	.....	1.30	15.8	15	9	14	8	sw.		
Dunkirk.	Teton.	3,293	.....	.....	.....	.....	.....	.....	.....	1.06	.....	0.41	T.	6	12	3	16	w.		
East Gallatin River.	Gallatin.	6,000	3	.....	.....	.....	.....	.....	.....	2.82	.....	0.90	15.0	11	7	9 <sup>a</sup>	14 <sup>a</sup>	w.		
Ekalaka.	Custer.	11	51.8	-1.1	85	25	26	13	40	3.12	+0.79	0.54	T.	10	9	11	11	nw.		
Elkhorn.	Jefferson.	6,576	3	.....	.....	.....	.....	.....	.....	3.61	.....	1.25	10.5	13	7	15	9	w.		
Fallon.	Custer.	2,208	7	53.8	.....	86	16	27	13	45	3.35	.....	2.07	0	6	13	8	10	w.	
Fish Creek.	Silver Bow.	8,500	2	38.6	.....	62	20	30	2	30	3.72	.....	1.00	21.2	12	6	6	sw.		
Flathead Creek.	Gallatin.	6,000	1	46.2	.....	70	18 <sup>t</sup>	22	4 <sup>t</sup>	36	2.67	.....	0.71	1.8	12	7	12	sw.		
Forsyth.	Rosebud.	5,514	5	54.8	.....	94	25	28	7 <sup>t</sup>	50	4.28	.....	1.40	0	6	14	9	nw.		
Fort Benton.	Chouteau.	2,030	32	54.4	-0.5	82	8	33	2	34	3.20	+0.53	0.85	0	6	15	10	sw.		
Fort Shaw.	Cascade.	3,500	23	51.8	-0.1	80	17	24	20	48	2.01	-0.05	0.85	0	7	19	6	sw.		
Fort Harrison.	Lewis and Clark.	4,004	8	52.2	.....	78	14	30	3	36	.....	.....	.....	16	12	3	w.	John Eberhart.		
Foster.	Yellowstone.	3	53.2	.....	83 <sup>a</sup>	16	20 <sup>a</sup>	13	47 <sup>a</sup>	3.47	.....	0.76	0	13	6	16	9 <sup>a</sup>	9 <sup>a</sup>	Post Hospital.	
Garnett.	Fergus.	5,500	3	43.0	.....	68	16	24	13	44	4.46	+1.83	1.40	14.0	13	4	10	17	E. K. Bowman.	
Glasgow.	Glendive.	2,092	15	51.2	-0.7	81	16	29	14 <sup>t</sup>	36	5.69	+2.03	1.55	T.	10	10	12	9	Thomas E. Scally.	
Goldbutte.	Custer.	2,069	21	54.8	-2.1	85	16	30	13	44	4.46	+1.83	1.40	0	12	9	8	nw.		
Graham.	.....	4	51.2	.....	82	15	21	10	43	0.79	.....	0.39	0	5	16	12	3	W. M. Leonard.		
Grayling.	Gallatin.	6,700	6	39.8	.....	70 <sup>b</sup>	12	29	16 <sup>b</sup>	6	1.55	.....	0.90	T.	10	16	9 <sup>a</sup>	5 <sup>a</sup>	E. C. Leonard.	
Great Falls.	Cascade.	3,350	20	54.0	-0.1	79	15	33	4 <sup>t</sup>	33	2.39	-0.21	0.46	0	12	15	12	4	Joseph Berthelote.	
Halfway House.	Broadwater.	6,000	2	.....	.....	.....	.....	.....	.....	1.56	.....	0.50	1.9	6	6	9	6	J. S. Rue.		
Harlowton.	Meagher.	4,185	4	49.6	.....	80	16	23	13	46	1.88	.....	0.44	0	6	9	11	U. S. Weather Bureau.		
Havre.	Hill.	2,505	32	53.2	-0.9	83	15	30	13	38	2.57	+0.48	1.45	0	9	17	5	Do.		
Helena.	Lewis and Clark.	4,110	32	51.3	-0.3	78	15	31	4	35	0.03	+2.08	1.39	4.0	12	4	10	17	W. S. McCord.	
Hightwood.	Chouteau.	5	.....	.....	.....	.....	.....	.....	.....	4.03	.....	1.70	7.0	9	12	2	17	U. S. Reclamation Service.		
Huntley.	Yellowstone.	3,014	6	54.2	.....	86	29	29	13	39	2.52	.....	0.58	0	9	15 <sup>a</sup>	9 <sup>a</sup>	James McCune.		
Jones Canyon.	Gallatin.	6,800	3	.....	.....	.....	.....	.....	.....	4.03	.....	0.73	3.0	13	17	0	14	W. C. Henderson.		
Jordan.	Dawson.	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	F. H. Knoble.		
Knobles Ranch.	Hill.	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	W. W. Watson.		
Lewistown.	Fergus.	4,010	14	78	.....	26	28	17	42	4.27	+0.96	0.98	1.15	0	8	18	5	w.		
Lonetree.	Chouteau.	3,280	6	54.2	.....	80	15	34	17	34	3.86	.....	0.61	0	7	15	3	sw.		
Lytle.	Teton.	51.8	.....	.....	.....	82	15	27	22	40	1.76	.....	0.85	0	11	17	4	U. S. Reclamation Service.		
Malta.	Valley.	2,240	5	53.1	.....	84	14	29	17	46	3.34	.....	0.85	0	11	17	4	J. S. Collier.		
Medicine Lake.	Musselshell.	1	.....	.....	.....	85 <sup>b</sup>	31	.....	.....	3.46	.....	1.30	0	7	14 <sup>a</sup>	7	10 <sup>a</sup>	A. F. Warner.		
Melstone.	Custer.	2,903	2	.....	.....	85 <sup>b</sup>	31	.....	.....	5.11	.....	1.75	T.	11	9	15	7	Leon B. Clark.		
Mildred.	.....	3	.....	.....	.....	.....	.....	.....	.....	2.19	.....	1.05	17.0	14	12	13	6	U. S. Weather Bureau.		
Miles City.	Madison.	2,371	20	55.7	-1.0	86	29	33	5	39	4.17	+2.19	0.82	9.5	8	8	17	F. L. Bryant.		
Norris.	.....	4,845	5	51.6	.....	75	29	31	3 <sup>t</sup>	32	2.91	.....	0.38	4.0	11	16	5	Robert Olsen.		
Nye.	Sweet Grass.	3	44.9	.....	74	29	18	21	41	0.92	.....	0.51	2.56	0	11	17	5	G. A. Woodcock.		
Olsen Creek.	Jefferson.	6,345	3	.....	.....	.....	.....	.....	.....	2.55	.....	0.51	8.6	11	10	13	8	Mrs. T. Keirmeyer.		
Pinegrove.	Musselshell.	7,000	3	.....	.....	.....	.....	.....	.....	3.39	.....	1.12	2.0	13	15	7	9	C. C. Conser.		
Pipestone Pass.	Jefferson.	2,757	14	52.2	.....	82	16	28	11 <sup>t</sup>	40	3.67	.....	0.96	4.0	12	14	12	H. M. Cosier.		
Plevna.	Custer.	2,020	26	54.0	-2.1	85	16	30	18	42	4.56	+2.57	1.15	3.2	13	12	9	I. A. Draper.		
Poplar.	Valley.	5,548	12	45.8	-2.3	80	29	25	7	38	2.26	+2.46	0.74	6.0	6	8	7	F. B. Elmer.		
Red Lodge.	Carbon.	4,383	13	51.0	-0.9	81	29	25	4	47	0.98	-1.30	0.32	T.	5	16	8	H. Scherfenberg.		
Renova.	Musselshell.	3,640	2	51.1	.....	80	8 <sup>t</sup>	21	7	51	2.60	.....	0.78	0	9	20 <sup>a</sup>	7 <sup>a</sup>	U. S. Reclamation Service.		
Ryegate.	Dawson.	2,050	6	53.6	.....	86	16	29	30	46	4.43	.....	1.03	0	11	13	10	Do.		
Savage.	Teton.	3,980	3	50.0	.....	79	16	24	1	48	1.48	.....	1.09	0	5	19	8	C. D. Kicher.		
Seville.	Teton.	3,276	5	54.8	.....	82	25	19	5	46	1.08	.....	0.45	0	5	12 <sup>a</sup>	5 <sup>a</sup>	Fred W. Arndt.		
Shelby.	Dawson.	1	53.8	.....	83	16	33	11 <sup>t</sup>	39	3.64	.....	0.74	0	8	13	4	O. E. Penwell.			
Spokane Ranch.	Lewis and Clark.	1	.....	.....	.....	.....	.....	.....	.....	2.16	.....	0.72	0	7	13	9	Mrs. H. L. Miller.			
Springbrook.	Dawson.	10	52.2	-1.8	82	16	20	13	44	4.88	+2.01	0.92	T.	10	9 <sup>a</sup>	11 <sup>a</sup>	10 <sup>a</sup>	J. W. Hargrove.		
Stearns.	Lewis and Clark.	4,500	2	.....																

TABLE 1.—Climatological data for May, 1912. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.							Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Sky.	Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmetted.										
<i>North Dakota—Contd.</i>																								
Bowman.	Bowman.	5	52.2	82	9	16	10	44	5.66	—	1.78	0	8	2	21	8	nw.	W. R. Workman.						
Broncho.	Mercer.	7	52.2	82	9	16	10	44	5.66	—	1.66	0	7	20	3	8	nw.	E. M. Walker.						
Buford.	Williams.	1,944	52.2	82	9	16	10	44	5.66	—	1.13	0	11	6	16	9	nw.	Maurice Funk.						
Carson.	Morton.	55.2	87	9	22	13	49	4.66	+ 1.72	1.13	0	9	4	12	15	sw.	D. J. Basquin.							
Dickinson.	Stark.	2,543	52.9 + 0.1	83	9	32	11 <sup>†</sup>	42	3.99	+ 0.47	1.27	0	10	10	8	13	n.	L. R. Waldron.						
Edgeley.	Lamoure.	1,468	55.9 + 2.3	86	9	29	16	41	3.25	+ 0.47	1.90	0	11	11	10	10	w.	O. A. Thompson.						
Energy.	McLean.	5	—	—	—	—	—	—	4.46	—	1.71	0	10	15	5	11	nw.	T. L. Stanley.						
Epping.	Williams.	5	—	—	—	—	—	—	5.59	—	1.36	0	12	10	11	10	w.	M. E. Uggan.						
Fullerton.	Dickey.	1,430	56.3 + 2.9	87	26	30	13	44	3.78	+ 0.49	2.35	0	12	8	11	12	e.	F. O. Alin.						
Garrison.	McLean.	1,901	53.6 + 0.9	82	9	26	15	41	5.07	+ 2.85	0	12	10	11	10	nw.	G. L. Robinson.							
Grinnell.	Mountail.	—	—	—	—	—	—	—	3.62	—	0.80	T.	12	12	11	8	nw.	F. W. Hannah.						
Haley.	Bowman.	4	52.4	83	9 <sup>†</sup>	28	13	45	2.58	—	0.82	0	12	13	10	8	nw.	A. O. Lawrence.						
Hettinger.	Adams.	2,253	52.4	88	17 <sup>†</sup>	30	5	46	5.28	—	0.99	0	12	3	9	19	nw.	W. R. Lanxon.						
Howard (near).	Divide.	2,275	52.3	85	9	29	13	45	6.36	+ 3.47	2.25	0	12	9	9	13	w.	C. P. Amshaugh.						
Jamestown.	Stutsman.	1,390	53.8 — 0.4	85	9	20	13	37	5.33	—	2.57	0	9	11	9	11	nw.	Thos. Pettigrew.						
Lamoine.	Kidder.	5	53.4	84	9	26	13	36	6.39	—	1.76	0	12	10	11	10	nw.	E. V. Virgin.						
McHenry (near).	Eddy.	3	54.0	82	9	26	13	36	3.33	—	1.08	3.7	12	6	13	12	nw.	John Knox.						
Marinhardt (near).	Bowman.	5	—	—	—	—	—	—	4.69	+ 2.53	2.00	0	9	8	14	9	ne.	S. P. Crane.						
Marstonmoor.	Stutsman.	5	53.6	85	9	24	13	42	5.35	—	2.90	0	12	10	11	10	nw.	H. H. McCumber.						
Medora.	Billings.	16	57.4 + 2.2	88	17 <sup>†</sup>	30	5	46	4.69	+ 2.53	1.40	0	9	10	13	3	nw.	J. W. Hesser.						
Melville.	Foster.	1,590	56.0 + 2.9	90	9	24	12	42	5.12	+ 2.92	0.97	0	9	9	6	16	nw.	O. H. Opland.						
Mott.	Hettinger.	6	53.6	82	9 <sup>†</sup>	31	11 <sup>†</sup>	44	3.66	+ 3.25	2.05	0	10	8	4	19	sw.	C. J. Hoof.						
Napoleon.	Logan.	1,955	53.5 + 0.4	85	9	23	13	48	5.57	+ 3.25	T.	11	4	13	14	n.	J. M. Connolly.							
New England.	Hettinger.	2,400	17	—	—	—	—	—	4.76	—	1.09	0	13	—	—	—	—	J. V. M. Sundberg.						
New Rockford.	Eddy.	1,531	3	—	—	—	—	—	1.82	—	0.92	0	12	10	10	11	nw.	J. Christiansen.						
New Salem.	Morton.	2,163	53.1	84	9	19	13	40	5.20	—	1.92	0	9	9	14	8	nw.	J. E. Goforth.						
Orange.	Adams.	6	52.0	86	30	23	14	49	3.95	—	1.50	0	11	8	18	5	s.	H. S. Wood.						
Steele.	Kidder.	1,857	17	55.5	86	9 <sup>†</sup>	25	13	40	2.84	—	1.23	0	7	10	13	8	w.	W. R. Peterson.					
Washburn.	McLean.	1,731	52.9 — 1.4	84	16	32	18	38	3.61	+ 1.35	1.25	T.	11	4	13	14	n.	U. S. Weather Bureau.						
Williston.	Williams.	1,875	52.9	—	1.4	84	16	32	3.61	+ 1.35	0	12	10	11	10	nw.								
<i>South Dakota.</i>																								
Aberdeen.	Brown.	1,300	59.1 + 3.3	90	9 <sup>†</sup>	32	13 <sup>†</sup>	52	3.34	— 0.55	1.30	0	9	18	2	11	5	ne.	D. G. Gallett.					
Academy.	Charles Mix.	13	60.0 + 1.6	87	9 <sup>†</sup>	33	13	41	3.72	+ 0.55	1.12	0	9	11	15	5	nw.	I. T. Lothrop.						
Alexandria.	Hanson.	1,352	23	—	—	—	—	—	0.80	—	0.40	0	3	17	6	8	—	C. B. & Q. R. R. Co.						
Ardmore.	Fall River.	3,557	3	—	—	—	—	—	1.54	—	0.75	0	5	6	14	11	nw.	T. J. Markey.						
Armour.	Douglas.	1,521	57.28 — 1.6	87 <sup>†</sup>	9	31 <sup>b</sup>	16	47 <sup>b</sup>	0.80	—	0.40	0	3	17	6	8	—	U. S. Reclamation Service.	Experiment Station.					
Belle Fourche.	Butte.	3,000	54.8	84	29	32	4 <sup>†</sup>	44	1.54	—	0.70	0	7	7	20	4	nw.	J. W. Aut.						
Brookings.	Brookings.	1,636	53.3 + 1.1	82	9	24	7	40	6.98	+ 3.92	4.24	0	15	11	15	5	nw.	U. S. Forest Service.						
Bryant.	Hamlin.	1,846	—	—	—	—	—	—	2.78	—	0.70	0	7	7	20	4	nw.	John H. Holsey.						
Camp Crook.	Harding.	3,000	53.2 — 1.1	82	29	28	11	42	1.63	— 0.52	0.43	4.0	10	14	8	9	nw.	Fred Norenberg.						
Canion.	Lincoln.	1,248	59.4 + 1.2	84	26	28	16	41	1.63	—	0.52	4.0	10	14	8	9	se.	John H. Holsey.						
Cascade Springs.	Fall River.	3,422	55.8	91	25	26	14	52	0.99	—	0.31	0	6	12	11	8	—	Frank Williams.						
Castlewood.	Hamlin.	1,685	56.2	82	9 <sup>†</sup>	28	16	42	1.86	—	0.50	0	9	6	7	18	n.	W. B. Van Horn.						
Centerville.	Turner.	1,229	60.6	86	26	32	16	43	3.00	— 1.01	1.47	0	10	6	19	6	se.	O. H. LaCraft.						
Chamberlain.	Brule.	1,363	14	—	—	—	—	—	1.71	— 1.42	0.76	0	9	14	12	5	sw.	Experiment Station.						
Clark.	Clark.	1,779	56.2 + 0.9	84	9 <sup>†</sup>	29	16	40	1.71	—	0.64	0	5	14	12	5	nw.	R. P. Imes.						
Cottonwood.	Stanley.	2,414	58.9	92	30	32	16	46	1.20	—	0.70	0	2	14	13	4	w.	P. A. Satler.						
Custer.	Custer.	5,316	—	—	—	—	—	—	1.20	—	0.67	0	13	6	17	8	sw.	R. E. Grimshaw.						
Daviston.	Perkins.	3	51.8	85	25	21	27	43	2.25	—	0.50	0	3	8	13	6	sw.	Frank E. Miller.						
Deadwood.	Lawrence.	4,535	50.3	80	30	27	14	40	1.95	—	0.54	0	6	17	3	11	nw.	J. O. Purinton.						
De Smet.	Stanley.	1,726	57.94 + 2.7	84 <sup>†</sup>	9	32 <sup>b</sup>	13 <sup>†</sup>	44 <sup>b</sup>	2.72	— 0.13	1.20	0	6	17	3	11	sw.	M. P. Dowling.						
Dowling.	Stanley.	2,250	57.4	95	25	31	13	45	2.12	—	0.75	0	8	17	7	7	nw.	A. B. Wood.						
Dumont.	Lawrence.	6,195	52.6	83	9 <sup>†</sup>	25	13	40	1.44	—	0.62	0	12	16	4	4	se.	Dr. John F. Chandler.						
Eagle Butte.	Potter.	2,415	55.6	85	9 <sup>†</sup>	28	13	39	1.76	—	0.38	0	9	14	12	5	nw.	A. H. Peterson.						
Eales.	Meade.	1	—	—	—	—	—	—	2.34	—	1.35	0	9	12	11	8	nw.	J. C. Stoner.						
Edson.	Meade.	1	54.2	85 <sup>†</sup>	9	31 <sup>b</sup>	4 <sup>†</sup>	40	4.44	—	0.90	0	11	17	3	11	nw.	James G. Blaine.						
Elk Mountain.	Custer.	4,700	3	52.6	83	9 <sup>†</sup>	25	13	40	2.53	—	0.88	0	8	15	8	nw.	Carl G. Moen.						
Englewood.	Lawrence.	5,723	3	—	—	—	—	—	1.15	—	0.40	0	7	10	12	4	se.	T. J. Cummins.						
Eureka.	McPherson.	5,723	3	57.0	87	9	22	13	44	3.37	—	1.16	0	12	16	4	se.	Experiment Station.						
Fairfax.	Gregory.	8	60.7	89	26	34	14 <sup>†</sup>	45	3.90	—	2.20	0	10	26	3	2	nw.	U. G. Stevenson.						
Faulkton.	Faulkton.	1,595	58.8 +																					

TABLE 1.—Climatological data for May, 1912. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
<b>South Dakota—Contd.</b>																				
Murdo.	Lynnau.	2,300	4	59.0	—	92	30	30	13	44	1.60	—	0.80	0	3	13	15	3	nw.	L. C. Bode.
Oelrichs.	Fall River.	3,339	20	55.5	— 0.2	88	25	30	14	50	1.40	— 1.51	0.67	0	6	4	25	2	ne.	J. E. Strouse.
Onaka.	Faulk.	1,600	6	—	—	—	—	—	—	—	2.59	—	0.70	0	9	8	15	8	—	H. P. Camp.
Orman.	Butte.	2,920	6	—	—	—	—	30	5	21	1.40	—	0.70	0	10	7	13	11	w.	U. S. Reclamation Service.
Ottumwa.	Stanley.	—	4	56.1	—	92	30	28	13	43 <sup>e</sup>	1.23	—	0.70	0	4	—	—	—	nw.	J. W. Bretz.
Parkston.	Hutchinson.	1,400	—	—	—	—	—	—	—	—	2.63	—	0.74	0	10	10	10	5	nw.	W. C. Rempfer.
Pierre.	Hughes.	1,572	20	59.4	+ 0.1	92	20	33	13	36	1.67	— 0.46	0.72	0	11	3	17	9	e.	U. S. Weather Bureau.
Plankinton.	Aurora.	1,528	18	—	—	—	—	—	—	—	1.88	— 0.68	0.53	0	9	6	20	5	nw.	W. G. Andrews.
Polock.	Campbell.	—	6	56.6	—	89	26	24	13	49	2.41	—	0.71	0	11	10	7	14	nw.	J. H. Jones.
Rapid City.	Pennington.	3,251	24	54.7	+ 0.5	81	9	33	4	37	2.25	—	0.66	0.94	T.	10	12	7	w.	U. S. Weather Bureau.
Redfield.	Spink.	1,295	14	58.5	+ 3.1	89	26	32	16	49	3.23	+ 0.34	1.30	0	9	16	1	14	nw.	A. S. Hall.
Rochford.	Pennington.	5,228	2	—	—	—	—	—	—	—	1.46	—	0.40	0	12	8	11	12	nw.	Mrs. M. E. Deffenbaugh.
Rosebud.	Todd.	2,600	18	56.6	— 1.0	91 <sup>b</sup>	30	30	14	41 <sup>b</sup>	2.26	— 0.23	0.95	T.	8	7	18	6	sw.	W. M. Ege.
Rosebud Agency.	do.	2,600	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	C. W. Soldier.
Roslyn.	Day.	—	6	55.6	—	83	26	32	13	37	1.87	—	0.45	0	10	11	13	7	nw.	O. O. Floren.
Seiby.	Walworth.	—	4	57.1	—	84 <sup>b</sup>	9†	24 <sup>b</sup>	17	41 <sup>b</sup>	3.67	—	1.61	0	10	11	33	7	nw.	Miss Gertrude Hall.
Sioux Falls.	Minnehaha.	1,400	21	59.2	+ 1.3	85	9	32	15	43	3.26	— 0.99	1.30	0	10	7	13	11	s.	J. H. Bechtold.
Sisseton.	Roberts.	1,202	6	56.4	—	80 <sup>a</sup>	26	35	14	38 <sup>e</sup>	5.43	—	2.20	0	10	14	0	17	s.	George Gray.
Sorum.	Perkins.	—	1	51.8	—	82	9	29	11 <sup>b</sup>	42	3.24	—	1.30	1.0	8	15	5	11	nw.	M. S. Eberhart.
Spearfish.	Lawrence.	3,647	22	53.0	— 0.9	79	29 <sup>b</sup>	28	6	34	0.97	— 2.64	0.27	0	6	5	22	4	nw.	A. E. Johnson.
Stephan.	Hyde.	1,840	8	57.9	—	84	9†	30 <sup>b</sup>	13 <sup>b</sup>	46	2.83	—	1.30	0	6	13	8	10	nw.	Rev. A. Mattingly.
Tama.	Meade.	—	3	55.0 <sup>f</sup>	—	84	25 <sup>b</sup>	32 <sup>b</sup>	11	41 <sup>b</sup>	1.06	—	1.01	0	3	—	—	—	nw.	Mrs. O. V. Hansell.
Timber Lake.	Dewey.	2,163	—	56.6	—	90	9	26	13	44	2.06	—	0.77	0	8	16	10	5	nw.	R. T. Hallihan.
Tyndall.	Bonhomme.	1,418	15	60.6	+ 0.7	88	26	35	14	41	6.56	+ 2.91	3.22	0	8	10	17	4	se.	F. F. Chladek.
Vale.	Butte.	2,765	4	56.7	—	85	29	36	4 <sup>b</sup>	49	2.08	—	0.73	0.5	8	15	11	5	nw.	U. S. Reclamation Service.
Vermilion.	Clay.	1,222	11	63.2	+ 4.5	90	19†	33	16	39	1.34	— 2.94	0.48	0	7	23	4	4	nw.	Prof. E. C. Perisho.
Waters Ranch.	Lawrence.	4,000	2	—	—	—	—	—	—	—	1.40	—	0.40	1.2	10	4	7	20	nw.	George Waters.
Watertown.	Codington.	1,735	18	55.9	+ 1.5	84	9	30	16	45	4.30	+ 1.05	1.50	0	11	10	12	3	sw.	Robert Q. Wood.
Wentworth.	Lake.	—	19	57.2	+ 1.3	82	9†	32	16	38	3.71	+ 0.08	0.80	0	13	10	9	6	s.	R. C. Zimmerman.
Wessington Springs.	Jerauld.	1,410	12	57.8	+ 0.4	85	9†	33	13†	40	1.89	— 0.91	0.73	0	9	10	17	4	nw.	Mrs. N. J. Dunham.
White Lake.	Aurora.	1,646	3	—	—	—	—	—	—	—	1.41	—	0.65	0	4	16	8	7	w.	Mrs. G. A. Rogers.
Winner.	Tripp.	—	38	58.8	—	90	30	34	12	43	2.61	—	0.80	0	10	11	13	7	nw.	J. W. Barnum.
Yankton.	Yankton.	1,234	38	61.6	+ 1.6	90	26	36	16	33	4.55	+ 0.65	3.06	0	6	7	17	7	w.	U. S. Weather Bureau.
<b>Colorado.</b>																				
Albion Lake.	Boulder.	10,500	2	—	—	—	—	—	—	—	1.20	—	3.0	9	22	6	3	nw.	F. R. Dungan.	
Arriba.	Lincoln.	5,243	6	55.4	—	88	30	28	4	38	3.02	—	1.30	43.0	9	11	13	7	s.	C. A. Creel.
Audhurst.	Teller.	5,500	2	—	—	—	—	—	—	—	5.56	—	—	—	—	—	—	—	—	Mrs. Alice A. Auld.
Bennett (near).	Arapahoe.	5,484	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	J. F. Egelhoff.
Boulder.	Boulder.	5,347	16	56.0	— 0.1	85	25	27	14	40	2.82	— 0.12	1.10	7.0	5	18 <sup>a</sup>	6 <sup>a</sup>	6 <sup>a</sup>	nw.	Prof. J. A. Hunter.
Burlington.	Kit Carson.	4,180	9	60.0	—	94	30	31	14	40	1.41	—	1.00	0	7	6	20	5	nw.	W. P. Davis.
Cassells.	Park.	8,445	—	—	—	—	—	—	—	—	1.44	—	0.61	0.8	6	15	8	8	w.	Harriet M. Cassell.
Castle Rock.	Douglas.	6,220	20	52.7	— 1.0	86	30	18	4	43	3.63	+ 1.11	1.27	2.0	6	17	7	7	sw.	Thos. P. Vaughan.
Cheeseman.	Jefferson.	6,800	9	50.6	—	86	18	26	4	52	3.70	—	1.35	18.5	9	6	24	1	s.	J. G. Thorburg.
Cheyenne Wells.	Cheyenne.	4,279	20	59.9	+ 2.3	95 <sup>b</sup>	30	31 <sup>b</sup>	5 <sup>b</sup>	47 <sup>b</sup>	0.34	— 1.94	0.18	0	3	9b	19 <sup>b</sup>	1b	s.	J. W. Adams.
Cope.	Washington.	—	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Mrs. Dora M. Christopher.
Corona.	Grand.	11,660	5	28.0	—	50	25 <sup>b</sup>	8	14	30	5.16	—	1.15	34.0	9	16	4	4	w.	U. S. Weather Bureau.
Denver.	Denver.	5,272	40	56.1	— 0.6	88	25	27	14	38	4.18	+ 1.64	1.42	13.2	10	11	16	4	sw.	Do.
Edgewater.	Jefferson.	5,450	4	54.0	—	87	25	22	13 <sup>b</sup>	46	2.84	—	0.96	24.0	C	2	16	13	w.	N. P. Levin, M. D.
Estes P'k Fish Hatch.	Larimer.	8,000	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	G. H. Thomson.
Fort Collins.	Grand.	4,985	33	—	—	—	—	—	—	—	3.71	—	1.36	11.0	6	16	10	5	n.	Colorado Agricultural Col.
Fort Lupton.	Weld.	4,907	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	R. W. Benedict.
Fort Morgan.	Morgan.	4,319	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Miss Della M. Scott.
Frances.	Boulder.	9,300	—	43.8	—	78	25	15	14	41	3.63	—	0.98	34.5	10	5	18	8	w.	C. W. Barry.
Frys Ranch.	Larimer.	7,500	12	45.9	—	79	30	15	14	44	2.63	—	0.61	16.5	9	11	9	9	w.	Norman W. Fry.
Georgetown.	Clear Creek.	8,550	10	—	—	—	—	—	—	—	1.79	— 0.15	0.42	18.2	9	11	15	5	—	H. L. Corbett.
Greeley.	Weld.	4,649	21	56.7	— 0.2	87	18†	29	3	45	2.86	+ 0.34	1.01	0	7	18	11	2	ne.	Nelson Reynolds.
Grover (near).	do.	5,076	8	52.8	—	86	25	25	5	44	1.73	—	0.35	0	5	8	8 <sup>b</sup>	8 <sup>b</sup>	nw.	D. M. Porter.
Hartsell.	Park.	6,000	3	—	—	—	—	—	—	—	1.06	—	0.46	12.0	7	12	7	12	w.	Emily Kleinknecht.
Hawthorne.	Boulder.	—	—	—	—	—	—	—	—	—	4.75	—	1.75	15.0	8	18	10	3	—	B. E. Chesebro.
Holyoke (near).	Phillips.	3,745	16	54.4	— 2.6	98	30	22	22	47	57	— 1.27	0.75	0	6	14	8	9	nw.	A. C. Cauble.
Idaho Springs.	Clear Creek.	7,543	12	48.8	+ 0.4	78	25†	17	14	37	2.49	+ 0.29	0.99	6.0	8	7	18	6	w.	J. J. Willis.
Keota.	Weld.	4,966	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	P. A. Taft.
Laporte.	Larimer.	5,053	21	—	—	—	—	—	—	—	2.58	+ 0.05	0.80	1.7	8	8 <sup>f</sup>	11 <sup>f</sup>	6	nw.	Chas. Green.
Leroy (near).	Logan.	4,380	23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Great Western Sugar Co.
Longmont.	Boulder.	4,950	11	54.4	— 2.4	86	20													

TABLE 1.—Climatological data for May, 1912. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.
				Mean.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Number of partly cloudy days.	Number of cloudy days.		
<b>Nebraska—Continued.</b>																		
Beaver City.....	Furnas.....	2,147	21	66.4	+ 4.0	98	19†	31	14 43	0.70	- 2.11	0.28	0	5	12	15	4	nw.
Bellevue.....	Sarpy.....	1,210	31	66.7	.....	96	26	35	14 33	1.56	- 2.58	0.93	0	6	22	5	4	se.
Benkelman.....	Dundy.....	2,963	16	.....	.....	87	25	14	14 40	T.	- 2.50	T.	0	0	10	19	2	se.
Bertrand.....	Phelps.....	2,515	4	.....	.....	.....	.....	1.03	.....	0.30	.....	0	4	18	11	2	nw.	
Blair.....	Washington.....	1,122	17	65.2	+ 4.3	98	26	36	14 40	1.84	- 2.93	0.53	0	7	17	13	1	nw.
Bloomfield.....	Knox.....	5	61.6	.....	.....	92	26	30	14 39	1.75	.....	1.00	0	5	4	26	1	nw.
Bradshaw.....	York.....	1,715	14	.....	.....	.....	.....	1.23	.....	3.87	0.69	0	3	24	5	2	se.	
Bridgeport.....	Morrill.....	3,668	16	55.3 <sup>k</sup>	- 0.4	93 <sup>k</sup>	30	28 <sup>k</sup>	1 44 <sup>k</sup>	1.04	- 1.43	0.60	T.	3	12	15	4	nw.
Broken Bow.....	Custer.....	2,477	18	58.6	- 0.7	94	26	25	14 49	0.57	- 2.59	0.19	0	6	17	5	9	nw.
Bruning.....	Thayer.....	1,583	1	.....	.....	.....	.....	2.74	.....	1.22	.....	0	7	22	8	1	sw.	
Burge.....	Cherry.....	2,674	7	54.8	.....	85	27	32	18 <sup>f</sup> 48	4.75	.....	2.50	0	3	17	4	10	nw.
Butte.....	Boyd.....	6	60.0	.....	.....	92	26	32	16 45	2.15	.....	1.30	0	8	13	11	7	nw.
Cairo.....	Hall.....	1,951	3	.....	.....	.....	.....	1.13	.....	0.60	.....	0	3	.....	.....	.....	.....	
Callaway.....	Custer.....	2,555	5	63.4	.....	98	26	28	14 48	0.50	.....	0.31	0	2	12	6	13	n.
Cambridge.....	Furnas.....	2,258	19	62.2	+ 1.8	95	26	34	14 40	1.21	- 2.81	0.31	0	6	17	3	11	nw.
Columbus.....	Platte.....	1,442	29	62.2	+ 4.4	95	26	34	14 37	2.15	.....	2.17	1.20	0	5	21	4	s.
Crete.....	Saline.....	1,369	29	65.6	+ 4.4	95	26	34	14 37	1.51	.....	0.50	0	5	.....	.....	.....	.....
Culbertson.....	Hitchcock.....	2,565	.....	.....	.....	.....	.....	1.69	.....	1.73	0.68	0	6	10	16	5	se.	
Curly.....	Sioux.....	2,553	15	62.8	+ 0.8	96	26	28	14 45	0.66	- 2.32	0.42	0	3	9	14	8	se.
David City.....	Frontier.....	2,222	22	64.3	+ 5.1	94	26	34	14 36	2.17	- 2.18	0.75	0	6	17	11	3	sw.
Du Bois.....	Pawnee.....	1,074	7	.....	.....	.....	.....	1.88	.....	0.82	.....	0	5	21	6	4	ne.	
Dumas.....	Garfield.....	4	59.6	.....	.....	93	26	32	14 46	1.24	.....	0.58	0	8	16	11	4	s.
Elm Creek.....	Buffalo.....	2,268	4	.....	.....	.....	.....	1.51	.....	0.50	.....	0	5	.....	.....	.....	.....	
Elsie.....	Perkins.....	3,382	4	.....	.....	.....	.....	1.71	.....	0.36	.....	0	10	.....	.....	.....	.....	
Ericson (near).....	Garfield.....	2,029	19	.....	.....	.....	.....	1.39	.....	1.82	0.67	0	6	.....	.....	.....	.....	
Ewing.....	Holt.....	1,888	21	62.1	.....	100	26	31	16 45	2.15	- 0.91	1.18	0	8	.....	.....	.....	.....
Exeter.....	Fillmore.....	1,607	.....	.....	.....	.....	.....	0.72	.....	2.37	0.43	0	4	16	10	5	n.	
Fairbury.....	Jefferson.....	1,316	37	65.8	+ 3.5	97	26	33	14 39	3.80	- 0.95	0.92	0	6	14	17	0	se.
Fairmont.....	Fillmore.....	1,641	19	62.2	+ 2.0	96	26	32	14 43	1.61	- 2.28	0.83	0	4	16	5	10	s.
Falls City.....	Richardson.....	895	17	67.8	+ 4.6	95	26	36	14 40	3.38	- 1.38	2.00	0	4	21	7	3	se.
Fort Robinson.....	Dawes.....	3,764	29	.....	.....	84	26 <sup>f</sup>	28	14 45	1.91	- 0.75	0.90	0	7	15	6	10	w.
Franklin.....	Franklin.....	1,620	23	64.4	+ 2.9	96	26	32	14 41	1.69	- 1.73	0.68	0	6	10	16	5	se.
Fremont.....	Dodge.....	1,203	32	64.4	+ 4.2	98	26	36	14 41	1.17	- 3.02	0.70	0	4	17	12	2	se.
Fullerton.....	Nance.....	1,629	11	63.3	.....	97	26	30	14 42	0.67	- 3.46	0.67	0	1	.....	.....	.....	nw.
Geneva.....	Fillmore.....	1,633	22	64.0	+ 2.1	96	26	34	14 44	2.74	- 1.94	1.37	0	4	12	16	3	se.
Genoa.....	Nance.....	1,584	37	63.5	+ 3.3	96	26	33	14 43	1.41	- 2.80	0.65	0	7	21	4	6	se.
Gordon.....	Sheridan.....	3,550	9	53.6 <sup>d</sup>	.....	89	25	27	12 <sup>d</sup> 48 <sup>d</sup>	1.23	.....	0.70	T.	6	.....	.....	.....	.....
Gosper.....	Adams.....	10	.....	.....	.....	.....	.....	0.72	.....	2.37	0.43	0	4	16	10	5	n.	
Gothenburg.....	Hayes.....	2,557	17	62.0	+ 1.9	98	26	29	14 49	0.65	- 2.36	0.40	0	3	19	2	10	nw.
Grand Island.....	Hall.....	1,860	22	64.5	+ 3.5	97	26	33	14 38	1.98	- 2.46	1.10	0	4	14	8	9	s.
Grant.....	Perkins.....	3,405	9	59.4	.....	93	26	29	14 47	0.80	.....	0.52	0	2	7	26	3	sw.
Greeley.....	Webster.....	2,021	12	62.0	.....	94	26	38	12 33	1.39	- 1.55	0.80	0	7	21	6	12	ne.
Guide Rock.....	Thomas.....	1,646	12	.....	.....	.....	.....	2.12	.....	1.57	0.90	0	6	12	13	6	ne.	
Halsey.....	Cedar.....	2,605	10	60.0	+ 2.2	91	26	31	14 47	1.26	- 2.62	0.54	0	8	15	8	8	nw.
Hartington.....	Clay.....	1,309	21	61.0	+ 2.7	91	26	35	16 43	1.92	- 2.21	0.66	0	7	10	10	11	nw.
Harvard.....	Adams.....	1,812	23	63.4	+ 3.5	99	26	35	17 41	1.86	- 1.97	0.89	0	3	12	14	5	n.
Hastings.....	Hayes.....	1,932	17	62.5	+ 2.0	97	26	34	14 39	2.11	- 0.38	2.17	0	4	24	4	3	nw.
Hay Springs.....	Sheridan.....	3,821	25	54.4	+ 0.3	86	30	29	14 43	1.94	- 1.32	0.80	8.0	10	19	11	1	nw.
Hebron.....	Thayer.....	1,458	26	64.9	+ 3.1	97	26	33	14 37	2.40	- 2.00	0.74	0	7	21	6	16	nw.
Hemingford.....	Boxbutte.....	4,256	3	.....	.....	.....	.....	1.72	.....	1.21	.....	0	6	12	13	6	ne.	
Hendley.....	Furnas.....	2,231	8	.....	.....	.....	.....	0.90	.....	0.53	.....	0	3	15	8	8	nw.	
Hershey.....	Lincoln.....	2,902	1	.....	.....	.....	.....	0.73	.....	0.25	.....	0	9	13	11	7	nw.	
Hillside.....	McPherson.....	3,484	3	58.2	.....	96	30	26	17 51	2.98	.....	1.56	2.0	10	19	7	5	nw.
Holdregg.....	Phelps.....	2,324	21	63.0	+ 2.1	99	26	32	14 47	0.60	- 1.80	1.50	0	3	19	5	7	nw.
Hooper.....	Dodge.....	1,228	15	61.7	+ 0.6	93	19	30	14 42	1.35	- 2.52	0.55	0	4	8	15	6	se.
Hull (near).....	Vanner.....	2	.....	.....	.....	.....	.....	2.75	.....	0.87	5.0	0	11	11	9	11	w.	
Imperial.....	Chase.....	3,278	22	60.0	+ 1.4	97	30	32	14 47	1.41	- 1.50	0.73	T.	6	3	23	5	nw.
Kearney.....	Buffalo.....	2,146	24	64.2	+ 2.9	98	26	28	14 42	0.54	- 3.52	0.25	0	4	18	12	1	s.
Kimball.....	Kimball.....	4,697	24	54.6	- 0.2	87	30	30	34 46	2.10	- 0.46	1.25	0	6	12	16	3	w.
Kirkwood.....	Rock.....	17	59.9	+ 1.5	89	26	35	42	14 47	3.62	- 0.21	1.54	0	8	16	9	6	s.
Kowanda.....	Garden.....	4	.....	.....	.....	.....	.....	2.69	.....	1.24	.....	0	7	21	6	16	se.	
Lamar.....	Chase.....	1	.....	.....	.....	.....	.....	1.52	.....	0.78	.....	0	5	18	7	6	nw.	
Lexington.....	Dawson.....	2,385	23	62.7	+ 3.6	96	26	27	14 47	0.68	- 2.18	0.35	0	2	23	0	8	se.
Lincoln.....	Lancaster.....	1,189	34	65.6	+ 2.7	98	26	36	14 39	0.96	- 3.29	0.36	0	7	11	12	8	n.
Lodgepole.....	Cheyenne.....	3,820	16	57.8	+ 1.7	93	30	30	14 43	2.50	- 0.03	1.55	0	6	10	17	4	se.
Loup City.....	Sherman.....	2,067	.....	.....	.....	.....	.....	2.17	.....	1.37	.....	0	7	16	11	4	se.	
Loyal.....	Custer.....	2,257	4	.....	.....	.....	.....	1.44	.....	0.46	.....	0	5	15	3	13	n.	
McCook.....	Redwillow.....	2,506	18	63.7	+ 1.0	98	26	27	16 49	0.00	- 2.92	0.00	0	0	24	4	3	nw.
McCool Junction.....	Otoe.....	1,575	15	.....	.....	.....	.....	1.61	.....	0.93	0.52	0	5	.....	.....	.....	.....	
Madison.....	Madison.....	1,585	19	62.2 <sup>c</sup>	+ 3.0	93	26	35	14 44	2.48	- 1.72	1.15	0	5	.....	.....	.....	.....
Marquette.....	Hamilton.....	1,830	33	.....</td														

TABLE 1.—Climatological data for May, 1912. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.			
				Mean.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.					
<i>Nebraska—Continued.</i>																					
Santee.	Knox.	2,330	25					34	5	4.31	+ 0.80	1.30	0	7	13	14	4	nw.	Nat H. Neff.		
Sargent.	Custer.	1,357	20	63.9		98	26	30	15	45	1.35	- 3.06	0.47	0	5	17	8	6	s.	J. L. Ferguson.	
Schuylerville.	Colfax.	3,888	6	56.4		90	25	30	11 <sup>+</sup>	50	1.13	- 0.47	0.47	0	8	16	12	3	nw.	J. T. Sumner.	
Scottsbluff.	Scotts Bluff.	1,435	22	62.4	+ 1.1	95	26	32	11 <sup>+</sup>	48	2.15	- 2.32	1.30	0	3	20	8	3	nw.	A. B. McCoskey.	
Seward.	Cheyenne.	4,090	19								2.70	- 0.02	0.50	3.5	9	22	7	2	se.	C. B. & Q. R. R. Co.	
Sidney.	Sarpy.	1,052	1								0.52	- 0.22	0.22	0	5	19	8	4	se.	John P. Fischer.	
Springfield.	Keyapaha.		21	60.3	+ 2.7	87	30	35	5 <sup>+</sup>	41	4.10	+ 1.08	1.45	0	11	8	17	6	nw.	L. A. Bates.	
Springview.	Stanton.	1,472	22	61.6	+ 2.0	93	26	30	14	40 <sup>+</sup>	1.94	- 1.91	1.02	0	4	15	15	1	sw.	C. L. Phelps.	
Stratton.	Hitchcock.	2,804	17								0.25	- 2.21	0.25	0	1					Alfred Pont.	
Superior.	Nuckolls.	1,574	27								1.20	- 2.42	0.45	0	3					Miss Stella Vennum.	
Syracuse.	Otoe.	1,059	20	65.0	+ 3.2	98	25	32	14 <sup>+</sup>	47	0.33	- 3.90	0.16	0	3	24	6	1	nw.	F. V. Bishop.	
Table Rock.	Pawnee.	1,023	25								1.70	- 2.45	0.59	0	5	19	10	2	s.	W. N. Hunter.	
Tecumseh.	Johnson.	1,113									0.60	- 4.04	0.29	0	3					E. D. Howe.	
Tekamah.	Burt.	1,060	22	63.6	+ 2.7	97	26	37	14 <sup>+</sup>	41	1.61	- 2.57	0.62	0	8	21	4	6	nw.	F. B. Thurber.	
University Farm.	Lancaster.	30	65.0	+ 2.7	98	26	32	14	40	0.69	- 3.64	0.32	0	5	8	23	0		Dr. A. D. Nesbit.		
Valentine.	Cherry.	2,613	24	57.5	- 0.4	89	30	35	12	41	3.01	- 0.32	1.24	0	14	17	13	1	n.	S. W. Perin.	
Wahoo.	Saunders.	1,187	9								1.20	- 2.42	0.45	0	3					U. S. Weather Bureau.	
Wakefield.	Dixon.	1,387	18	61.8	+ 2.7	95	26	31	16	43	2.51	- 1.44	1.39	0	7	14	10	7	s.	W. T. Mauck.	
Walhill.	Thurston.		63.5			93	26	35	16 <sup>+</sup>	43°									I. H. Weaver.		
Watertown.	Buffalo.	2,299	7								1.59	- 0.83	0.83	0	4	17	13	1	n.	A. P. Coleman.	
Wauneta.	Chase.	14									0.95	- 1.61	0.65	0	3					R. E. Swift.	
Weeping Water.	Cass.	1,080	34	65.6		99	26	29	14	48	0.55	- 3.63	0.17	0	6	21	4	6	nw.	C. D. Fuller.	
Westpoint.	Cuming.	1,313	27	65.4	+ 4.4	95	26	33	16	43	1.35	- 2.38	0.53	0	4	23	5	3	ne.	S. W. Orton.	
Wisner.	do.	1,380	16								1.85	- 2.53	0.32	0	9	25	1	5		J. C. Elliott.	
York.	York.	1,633	25	64.2	+ 2.7	97	26	30	14	41	1.38	- 2.84	0.62	0	5	21	7	3	n.	F. C. Evans.	
<i>Iowa.</i>																			A. T. Giaquque.		
Afton.	Union.	1,212	18	64.4	+ 2.1	85	23	39	14	29	5.84	+ 0.95	2.15	0	7	14	14	3	sw.	N. W. Rowell.	
Allerton.	Wayne.	10	55.2	+ 4.2	99	23	37	14	33	3.67	- 0.84	2.43	0	9	26	2	3	sw.	Mrs. Geo. Shriver.		
Alton.	Sioux.	1,305	7	61.2		87	19	31	14	40	3.47		1.44	0	10	17	4	ne.	W. S. Slagel.		
Atlantic.	Cass.	1,164	21	64.6	+ 5.2	88	22	32	17	41	0.72	- 3.66	0.21	0	8	10	13	8	se.	Thos. H. Whitney.	
Audobon.	Audobon.	1,301	18	63.2	+ 3.3	85	19 <sup>+</sup>	35	14	37	1.04	- 3.20	0.30	0	8	12	7	12	se.	Geo. E. Kellogg.	
Bedford.	Taylor.		12	64.5	+ 3.5	89	23	32	14 <sup>+</sup>	40	2.69	- 2.56	1.94	0	9	21	6	4	s.	E. Healey.	
Centerville.	Appanoose.	2	65.8			92	23	39	14	32	3.56		1.65	0	12	25	4	2	w.	Gordon Peacock, jr.	
Chariton.	Lucas.	1,042	17	62.8	+ 1.5	85	23 <sup>+</sup>	34	13	33	5.17	+ 0.80	2.80	0	3	22	5	4	se.	C. C. Burr.	
Clarinda.	Page.	1,009	22	65.1	+ 3.9	93	22	33	14	43	2.40	- 2.44	1.42	0	8	17	9	5	s.	A. S. Van Sandt.	
Corning.	Adams.	1,117	20	64.2	+ 3.8	89	22	35	14 <sup>+</sup>	36	2.50	- 2.33	1.57	0	5	16	12	3	ne.	Jerome Smith.	
Corydon.	Wayne.	1,101	19	65.2	+ 3.9	88	23 <sup>+</sup>	38	14	21	6.39	+ 1.72	3.32	0	9	8	17	6	nw.	May C. Miller.	
Council Bluffs.	Pottawattamie.	2	64.5			96	26	29	14	45	1.24		0.53	0	4	10	12	5	10	sw.	B. W. Crossley.
Creston.	Union.	1,312	7	62.0		87	23	34	14	39	3.93	- 1.07	0.89	0	10	16	5	10	sw.	O. J. Colby.	
Cumberland.	Cass.	13									1.29	- 2.40	0.68	0	5	25	4	2	sw.	J. H. Reppert.	
Denison.	Crawford.	1,180	18	62.6	+ 3.3	86	26	31	17	41	2.10	- 2.01	0.51	0	11	19	7	5	s.	W. C. Van Ness.	
Elliot.	Montgomery.	7	64.7			89	26	34	14 <sup>+</sup>	38	3.11	- 0.68	0.68	0	5	19	10	2	se.	C. H. Westrop.	
Greenfield.	Adair.	20	63.6	+ 3.2	87	27	32	14	33	2.33	- 2.79	1.42	0	6	16	14	1	sw.	R. B. Oldham.		
Harlan.	Shelby.	1,182	13	62.8	+ 2.5	87	19	30	14	41	1.07	- 3.18	0.42	0	7	10	15	6	sw.	C. A. Reynolds.	
Inwood.	Lyon.	1,174	8	60.5		84	19	31	16	38	2.76		1.38	0	10	19	14	7	nw.	F. B. Hanson.	
Lamoni.	Decatur.	1,120	5	64.7		89	23	28	14	37	3.64	- 2.45	2.43	0	11	20	2	9	se.	T. J. Fitzpatrick.	
Larrabee.	Cherokee.	1,266	22	61.0	+ 2.7	88	19	31	14 <sup>+</sup>	42	6.22	+ 1.70	4.32	0	10	14	9	3	sw.	R. C. Carnahan.	
Le Mars.	Plymouth.	1,224	16	61.0	+ 1.7	84	19 <sup>+</sup>	35	14	33	4.38	- 0.44	1.37	0	12	16	16	4	nw.	G. A. C. Clarke.	
Lenox.	Taylor.	1,250	17	64.4	+ 3.2	86	23	34	14	33	3.73	- 0.79	2.00	0	8	20	9	2	s.	J. L. Hurley.	
Leon.	Decatur.	1,120	10	65.0	+ 2.1	88	27	37	14	33	5.82	+ 1.37	3.00	0	11	8	12	11	s.	Morris Gardner.	
Little Sioux.	Harrison.	7	64.8			95	26	32	14	42	1.62		0.88	0	8	16	9	6	se.	Geo. H. Gibson.	
Logan.	do.	928	45	64.2	+ 3.2	94	26	38	14 <sup>+</sup>	39	0.89	- 3.24	0.38	0	4	18	12	2	s.	Glenn H. Stern.	
Mount Ayr.	Ringgold.	1,236	19	65.7	+ 4.0	89	23	38	14	37	4.57	- 1.19	2.30	0	12	10	16	5	sw.	N. T. Ashley.	
Murray.	Clarke.	21	64.4	+ 4.2	87	23	37	14	32	5.12	+ 0.43	2.34	0	11	5	24	2	sw.	J. M. Darby.		
Northboro.	Page.		66.2			93	26	36	14	35	1.60		1.17	0	4	17	12	2	sw.	E. Starner.	
Odebolt.	Sac.	15	63.6	+ 3.2	91	19	35	14 <sup>+</sup>	41	3.15	- 0.83	1.83	0	8	17	11	3	nw.	C. G. Perkins.		
Onawa.	Monona.	1,051	12	66.2	+ 3.6	95	26	36	14	39	1.67	- 3.91	0.71	0	8	19	7	5	sw.	H. H. McCartney.	
Pacific Junction.	Mills.	960	13	65.0	+ 3.4	97	26	29	14	43	0.74	- 3.27	0.65	0	4	7	24	0	s.	W. C. Wyckoff.	
Rock Rapids.	Lyon.	1,358	13	69.4	+ 3.8	84	31	32	16	41	2.00	- 1.39	0.60	0	10	14	13	4	s.	Geo. Aupperle.	
Sheldon.	O'Brien.	1,422	12	59.3	+ 1.4	84	31	32	16	41	2.52	- 2.58	0.65	0	7	14	5	12	nw.	H. G. Doolittle.	
Sibley.	Osceola.	1,212	19	57.6	+ 0.3	83	37	32	14	41	2.10	- 1.86	0.54	0	13	14	9	8	se.	J. de Ruyter.	
Sioux Center.	Sioux.	13	60.1	+ 1.8	83	26	34	14	35	2.84	- 2.01	0.92	0	9	14	11	6	se.	U. S. Weather Bureau.		
Sioux City.	Woodbury.	1,135	23	62.4	+ 1.6	90	26	36	16	36	2.76	- 1.61	1.73	0	10	12	10	9	sw.	S. Gillespie.	
Spencer.	Clay.	2	68.0			87	23	33	14	41	3.13		1.33	0	0					C. R. Paul.	
Thurman.	Fremont.	15	65.4	+ 3.1	95	26	32	14 <sup>+</sup>	43	1.36	- 3.84	0.48	0	4	11	14	6	sw.	H. L. Felter.		
Washita.	Cherokee.	1,157	14	60.2	+ 4.4	88	19	29	17	44	5.04	+ 0.19	2.72	0	7	15	9	7	n.	T. W. Sherman.	
<i>Kansas.&lt;/</i>																					

TABLE 1.—Climatological data for May, 1912. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.			
				Departure from the normal.			Greatest daily range.			Total.			Departure from the normal.			Total snowfall, unmeted.					
				Mean.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Greatest in 24 hours.	Total.	Greatest in 24 hours.	Total.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.			
<b>Kansas—Continued.</b>																					
Hays.	Ellis.	2,000	44	63.6	+ 0.5	98	26	32	16	42	2.70	- 0.61	1.39	0	6	19	6	6	nw.	G. K. Helder.	
Hill City.	Graham.	2,134	4	65.4	-	99	26	32	14	41	0.77	-	0.48	0	5	17	11	3	s.	C. A. G. Inlow.	
Horton.	Brown.	1,188	23	66.2	+ 2.7	91	26	39	14	38	2.35	-	2.89	0.64	0	6	21	7	3	s.	Mrs. S. C. Belden.
Hoxie.	Sheridan.	2,700	14	64.3	+ 2.8	98	26	32	14†	43	0.86	-	2.17	0.37	0	5	4	23	4	s.	I. L. Vinson.
Lawrence.	Douglas.	997	44	68.0	+ 3.0	91	23	42	16	30	5.15	+ 0.49	2.56	0.56	0	10	17	12	2	sw.	Prof. H. P. Cadby.
Leavenworth.	Leavenworth.	913	68	69.2	+ 4.6	92	23	43	13†	32	3.61	-	0.78	2.08	0	6	22	5	4	nw.	Dr. A. F. Yohe.
Leavenworth.	Smith.	1,812	14	65.4	+ 4.2	98	27	34	14	37	0.81	-	2.36	0.81	0	1	25	0	3	n.	E. V. Bower.
Leoti.	Wichita.	3,300	9	63.0	-	100	26	33	14	45	1.38	-	0.80	0	6	16	15	2	s.	Fred Burnham.	
Lincoln.	Lincoln.	1,374	6	64.2	-	97	26	34	14	40	1.53	-	0.54	0	5	24	2	5	s.	R. W. Greene.	
Lindsborg.	McPherson.	1,333	6	-	-	-	-	-	-	-	2.12	-	0.66	0	6	19	3	9	s.	A. J. Fredrickson.	
McCracken.	Rush.	2,139	64.7	-	96	26	34	14†	41	2.78	-	0.81	0	9	20	10	1	ne.	E. D. Floyd.		
Minneapolis.	Ottawa.	1,259	22	66.9	+ 3.2	99	26	36	14	38	1.75	-	2.19	0.79	0	5	22	5	4	s.	J. L. Steele.
Moran.	Allen.	1,098	16	67.8	+ 1.9	88	23†	40	16	30	5.05	-	0.14	2.20	0	4	20	9	2	sw.	C. J. Norton.
Natoma.	Osborne.	1,834	3	-	-	-	-	-	-	-	2.10	-	1.00	0	3	27	1	3	se.	C. O. Hunt.	
Norton.	Norton.	2,284	14	64.9	+ 3.9	96	26	31	14	40	1.97	-	1.17	0.75	0	7	14	16	1	se.	Sim Siefel.
Oberlin.	Decatur.	2,539	25	-	-	-	-	-	-	-	0.81	-	2.36	0.53	0	5	18	12	1	se.	I. K. Huber.
Oketo.	Marshall.	1,194	4	66.9	-	96	26	35	14	36	1.73	-	0.79	0	5	10	19	2	nw.	J. A. Church.	
Olathe.	Johnson.	1,032	17	67.9	+ 3.6	91	23	38	17	36	3.83	-	2.17	1.41	0	8	14	12	5	se.	Dr. S. B. S. Wilson.
Ottawa.	Franklin.	926	18	68.0	+ 3.5	92	23	39	17	37	5.65	-	2.95	0	8	20	9	2	s.	W. J. Sheldon.	
Phillipsburg.	Phillips.	1,939	21	66.4	+ 4.7	99	26	35	14	40	2.04	-	0.83	0.73	0	6	21	8	2	se.	N. E. Bailey.
Plainville.	Rooks.	2,156	6	-	-	-	-	-	-	-	2.70	-	0.90	0	5	22	6	3	n.	P. D. Spellman.	
Pleasanton.	Linn.	862	10	68.8	+ 3.5	91	24	41	13	33	3.70	-	1.49	1.84	0	4	25	2	4	sw.	B. F. Blaker.
Quenemo.	Osage.	941	-	-	-	-	-	-	-	-	7.12	-	3.59	0	7	17	10	4	sw.	R. L. Graham.	
Republic.	Republic.	1,495	9	65.6	-	95	26	31	14	41	1.32	-	1.05	0	3	21	7	3	n.	J. W. Ambrose.	
Russell.	Russell.	1,834	13	66.2	+ 2.6	96	26	35	14	39	6.33	+ 3.49	3.70	0	7	21	8	4	ne.	Robert Brebner.	
Russell Springs.	Logan.	2	63.9	-	98	26	28	14	50	0.65	-	0.80	0	6	18 <sup>a</sup>	8 <sup>b</sup>	4 <sup>c</sup>	ne.	D. J. Hutto.		
St. Francis.	Cheyenne.	3,258	4	61.6	-	98	30	32	16	46	0.97	-	0.51	0	5	7	18	6	nw.	J. E. Uplinger.	
Salina.	Saline.	1,227	28	68.8	+ 3.6	98	26	37	14†	36	1.01	-	3.42	0.26	0	8	17 <sup>a</sup>	13 <sup>b</sup>	0 <sup>c</sup>	s.	Prof. A. W. Jones.
Scott.	Scott.	2,971	6	64.7	-	97	26	32	16	43	0.52	-	0.28	0	4	15	2	2	s.	J. B. Loughran.	
Smith Center.	Smith.	1,800	2	-	-	-	-	-	-	-	2.38	-	0.10	0	4	14	16	1	sw.	W. H. Nelson.	
Topeka.	Shawnee.	997	26	68.4	+ 3.4	92	23	43	16	35	3.31	-	1.57	1.66	0	6	14	16	1	sw.	U. S. Weather Bureau.
Valley Falls.	Jefferson.	913	13	66.7	+ 2.7	93	23	37	17	42	3.63	-	1.10	2.40	0	5	25	5	1	nw.	Miss Nettie Maxwell.
Vinland.	Douglas.	880	3	-	-	-	-	-	-	-	5.82	-	2.60	0	8	20	9	2	s.	A. Schick.	
Wakeeney.	Trego.	2,466	29	64.4	+ 1.9	99	26	32	14	43	0.74	-	2.23	0.39	0	4	26	1	4	s.	A. S. Peacock.
Wallace.	Wallace.	3,303	42	63.5	+ 3.7	96	19†	28	14	50	0.47	-	2.16	0.29	0	4	14	14	3	se.	M. T. Griggs.
Wamego.	Pottawatomie.	1,002	19	-	-	-	-	-	-	-	2.52	-	2.77	1.25	0	5	16	13	2	s.	M. L. Stone.
<b>Missouri.</b>																					
Amoret.	Bates.	850	4	67.5	-	90	23†	41	13†	32	2.21	-	0.85	0	4	18 <sup>b</sup>	9 <sup>b</sup>	2 <sup>b</sup>	sw.	Darby Fruit Farm.	
Appleton City.	St. Clair.	853	-	-	-	-	-	-	-	-	4.38	-	0.23	1.36	0	7	15 <sup>a</sup>	3 <sup>a</sup>	12 <sup>a</sup>	s.	T. C. Brown.
Arlington.	Phelps.	695	23	-	-	-	-	-	-	-	3.55	-	2.69	1.40	0	5	19	2	sw.	G. V. Randolph.	
Arthur.	Vernon.	767	20	68.5	+ 4.0	88	2	39	17	33	3.55	-	1.78	1.00	0	9	22	8	1	sw.	J. T. Armstrong.
Avalon.	Livingston.	25	67.4	+ 3.6	92	23	40	13	34	-	3.55	-	1.78	1.00	0	7	14	10	7	sw.	F. G. Ashbaugh.
Bagnell.	Miller.	594	17	-	-	-	-	-	-	-	6.63	-	1.99	2.50	0	3	24	5	2	se.	W. S. Brockmann.
Bethany.	Harrison.	881	23	66.2	+ 4.0	90	28	36	14†	36	2.87	-	2.26	2.24	0	6	24	5	2	sw.	W. H. Skinner.
Bolivar.	Polk.	1,070	25	68.8	+ 3.6	91	26	39	17	37	4.45	-	0.96	2.28	0	6	24	5	2	sw.	A. C. Fink.
Boonville.	Cooper.	600	37	-	-	-	-	-	-	-	2.79	-	2.03	1.20	0	6	13	8	10	se.	C. Randecker.
Brunswick.	Charlton.	652	32	67.6	+ 3.9	90	22†	42	17	39	3.47	-	1.50	0.93	0	11	11	11	9	s.	Louis Benecke.
Clinton.	Henry.	800	26	69.2	-	91	23†	31	17	42	3.33	-	2.33	1.60	0	4	17	13	1	se.	A. E. Derwent.
Columbia.	Boone.	784	23	67.8	+ 3.3	92	23	41	17	32	3.25	-	1.61	1.15	0	11	12	9	10	s.	U. S. Weather Bureau.
Conception.	Nodaway.	982	29	66.2	+ 5.1	89	27	39	14	32	2.40	-	2.41	1.85	0	6	11	18	2	nw.	Fr. Adhelm Hess.
Crocker.	Pulaski.	1,124	1	68.0	-	93	2	35	13	42	4.56	-	1.45	0	6	23	6	2	sw.	Ira H. Stephens.	
Eldon.	Miller.	704	1	70.4	-	96	23	42	17	37	4.66	-	1.71	0.74	0	8	20	9	2	sw.	G. M. Tinsley.
Eldorado Springs.	Cedar.	750	8	68.4	-	91	23	36	17	39	2.68	-	1.02	0	4	17 <sup>a</sup>	11 <sup>a</sup>	2 <sup>a</sup>	s.	Samuel Graham.	
Fayette.	Howard.	725	30	67.0	+ 2.8	89	22†	43	13†	30	3.11	-	1.84	1.42	0	10	21	4	6	sw.	Prot. T. Berry Smith.
Fulton.	Callaway.	818	22	67.8	+ 3.4	91	23	39	13	37	5.46	+ 0.75	1.43	0	6	11	20	4 <sup>a</sup>	4 <sup>b</sup>	sw.	Russel Johnston.
Glasgow.	Howard.	618	34	-	-	-	-	-	-	-	2.66	-	1.96	0.98	0	7	23	0	8	e.	J. J. Shaughnessy.
Grant City.	Worth.	1,130	20	66.0	-	92	27	40	14	36	5.91	+ 0.98	4.90	0	6	23	6	2	sw.	W. H. Campbell.	
Harrisonville.	Cass.	912	40	68.8	+ 5.0	92	24†	38	17	35	2.25	-	2.50	0.95	0	8	15	5	11	sw.	A. J. Sharp.
Hazelhurst.	Livingston.	20	-	-	-	-	-	-	-	-	3.45	-	1.67	1.34	0	5	11	9	9	s.	W. H. Baker.
Hermann.	Ganconade.	482	33	-	-	-	-	-	-	-	4.12	-	0.27	1.08	0	11	13	9	9	s.	C. T. Mausund.
Houston.	Texas.	1,280	65	67.5	+ 1.0	91	23	34	13†	38	4.60	+ 0.16	1.60	0	6	12	17	2	sw.	E. Dempsey.	
Jefferson City.	Cole.	628	31	66.7	+ 1.6	90	23	38	13	39	4.00	-	0.29	1.25	0	8	22	0	9	s.	Miss Emma Swift.
Kansas City.	Jackson.	963	23	68.8	+ 4.3	90	23</td														

TABLE 2.—*Daily precipitation for May, 1912. District No. 6, Missouri Valley.*

Stations.	Watershed.	Day of month.																														Total.													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31													
<i>Wyoming.</i>																																													
Arapahoe.	Bighorn.	.40	1.00	.13						.08		.05		.35																			.08	1.79											
Barnum.	Powder.	T.	1.45		T.																													.28	2.30										
Basin.	Bighorn.																																												
Bennett.	North Platte	.75	.07								.04	.30																								1.25									
Big Creek Station.	do.	.43	.02									T.	.60		.05																					1.45									
Burns.	South Platte									.88	.18	.05	.20	.05	.01																			.15	1.67										
Casper.	North Platte																																												
Centennial.		.60	.01	.02					T.	.02	.29	.22	.20	1.80	.01	T.																			3.42										
Cheyenne.	South Platte	T.							.01		.01	.74	.07	.30	.19		.01	T.																	1.37										
Chugwater.	North Platte	T.								.18	.51																										.20	1.28							
Clark.	Yellowstone	T.									.06	.05	.05	.04																							0.77								
Cody.	Bighorn.	.03	.03																																			1.65							
Crazy Creek.	Yellowstone	.05									.16	.50	.02	.02																							1.56								
Dome Lake.	Tongue.	.80	.12							.20		.30	.60	.20																							.15	3.42							
Douglas.	North Platte	.65										.29		.07																								1.36							
Dubois.	Bighorn.	.11			T.						T.	.10																										0.24							
Eatons Ranch.	Tongue.	.40	.80	.30		T.					.62	T.	.50																									3.78							
Echeta.	Powder.	1.10	.70	.15	T.							.14																										2.90							
Elk Mountain.	North Platte	.55										.39	.09		.34																						.08	1.44							
Encampment.	do.	1.00	T.	.01	T.						T.	.17		.21		.02																					.07	1.53							
Erway.	Powder.																																												
Fort Laramie.	North Platte	.30											.30																														1.36		
Foxpark.	do.											.07	.50		1.00	.10																									2.77				
Germany.	Bighorn.																																												
Gillette.	Powder.	.40	.30	.40																																								2.51	
Horse Creek.	Bighorn.	T.	T.	.02	T.	T.																																					2.03		
Hunters Station.	Powder.	.20	.54	.10																																								1.77	
Hyattville.	Bighorn.																																												
Jireh.	Niobrara	.33	.10	.01																																								0.78	
Kirtley.	do.	.14																																										1.76	
Kirwin.	Bighorn.																																												
Knowles.	Cheyenne	T.	.49	.15	.79	.07																																					3.58		
Lagrange.	North Platte	.50	1.14																																									2.40	
Lander.	Bighorn.	T.																																										0.90	
Leo.	North Platte																																												
Loh Alabama Ranch.	Yellowstone	T.	.09																																									0.07	
Lovell.	Bighorn.	T.																																										1.05	
Lusk.	Niobrara																																											1.74	
Manyville.	do.	.18	.10	T.	.30																																						1.60		
Moorecroft.	Cheyenne	.45	.20	.50	.30																																						2.00		
Moore.	North Platte	.04	T.																																									1.63	
Newcastle.	Cheyenne	.38	.14	.20	.31																																						1.62		
Pathfinder.	North Platte	.01	.58																																									32.08	
Pinebluff.	South Platte	.02		.40	.02																																						1.73		
Pine Ridge.	Cheyenne	.45	.55	.30																																							2.51		
Powell.	Bighorn.	.03	.01																																								0.86		
Rawlins.	North Platte	T.	.14																																								2.16		
Riverton.	Bighorn.	.08	.27	T.																																							1.47		
Rockypoint.	Powder.	.23		.52	.30	.52	.04																																		2.72				
Saratoga.	North Platte	T.	.31	.01	T.																																						0.55		
Seven Mile Creek.	do.	.35	.05																																								2.61		
Sheridan.	Tongue.	T.	.1																																										

TABLE 2.—*Daily precipitation for May, 1912. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for May, 1912. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for May, 1912. District No. 6—Continued.*

Stations.	Watershed.	Day of month.																														Total			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
<i>South Dakota—Con.</i>																																			
Rosebud.....	White.....		T.	.95	T.					.03	.70				T.	.01					T.	T.	.03			.26		T.	.04			.24	2.26		
Rosebud Agency.....	do.....		T.	.45	.40	T.		T.			.07					T.																		.01	1.87
Roslyn.....	Big Sioux.....	T.	(*)	1.61																															3.67
Selby.....	Missouri.....		T.	.67	.40						.01	1.30		T.		T.	T.				T.	.46		.21	.50									3.26	
Sioux Falls    .....	Big Sioux.....		T.	.12																															5.43
Sisseton    .....	Minnesota.....			.18	.70	1.20					.02	.11																					3.24		
Sorum.....	Owl.....	T.		.57		1.30	.03																											0.97	
Spearfish.....	Cheyenne.....			.22	.27	.10	.06				T.																							2.83	
Stephan.....	Missouri.....				1.30	T.																												1.06	
Tama.....	Cheyenne.....					T.	T.	T.																										2.06	
Timber Lake.....	Grand.....					T.	.09	.28																									6.56		
Tyndall.....	Missouri.....					T.	.13	.36	.24																								2.20		
Vale.....	Cheyenne.....						.12	.73	.20	.02																							2.08		
Vermilion.....	Missouri.....							.25	.10																								1.34		
Waters Ranch.....	Cheyenne.....							.18	.19	.24	.02																						4.30		
Watertown    .....	Big Sioux.....	T.		.80	.75	.40	.01			T.																							3.71		
Wentworth.....	do.....			.41	.11	.36	.32																										1.89		
Weissington Springs.....	James.....						.78	T.	T.																								1.41		
White Lake.....	Missouri.....							.65																										2.61	
Winner.....	White.....							.21	.80																									4.55	
Yankton.....	Missouri.....	T.	T.	.15	.22					T.	.66																								
<i>Colorado.</i>																																			
Albion Lake.....	South Platte.....																																		3.02
Arriba.....	Republican.....																																		1.24
Auldhurst.....	South Platte.....																																		5.56
Bennett (near).....	do.....																																		2.82
Boulder.....	do.....																																		1.41
Burlington.....	Republican.....																																		61
Cassells.....	South Platte.....																																		3.63
Cas le Rock.....	do.....																																		3.70
Cheeseman.....	do.....																																		0.34
Cheyenne Wells.....	Smoky Hill.....																																		1.06
Cope.....	Republican.....																																		4.16
Corona    .....	South Platte.....	T.		.12	.40		T.																											3.05	
Denver.....	do.....			.05	.04																														4.18
Edgewater.....	do.....																																		43
Estes Pk. Fish Hatch.....	do.....																																		2.84
Fort Collins.....	do.....																																		3.71
Fort Lupton.....	do.....																																		45
Fort Morgan.....	do.....																																		3.71
Frances.....	do.....																																		3.63
Frys Ranch.....	do.....																																		2.63
Georgetown    .....	do.....																																		1.79
Greeley.....	do.....																																		2.86
Grover (near).....	do.....																																		1.73
Hartsel.....	do.....																																		1.06
Hawthorne.....	do.....																																		4.75
Holyoke (near).....	Republican.....																																		75
Idaho Springs.....	South Platte.....																																		2.49
Keota.....	do.....																																		0.72
Laporte.....	do.....																																		3.05
Leroy (near).....	Republican.....	T.		.22		T.	T.	T.																										2.58	
Longmont    .....	South Platte.....																																		1.05
Longs Peak (near).....	do.....																																		4.40
Moraine.....	do.....																																		3.77
Platte Canon.....	do.....																																		0.4
St. Cloud.....	do.....																																		2.76
Sedgwick.....	do.....	T.		.25		T.	T.	T.																										2.56	
Sill Mine.....	do.....			.15	.25																													0.72	
Spicer (near).....	North Pl																																		

TABLE 2.—*Daily precipitation for May, 1912. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for May, 1912. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for May, 1912. District No. 6—Continued.*

Stations.	Watershed.	Day of month.																														Total.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
<b>Kansas—Contd.</b>																																		
Salina.....	Smoky Hill.....		.26	.11		.16	.19		.08	.01	T.		T.	.11	T.																	T. 1.01		
Scott.....	do.....								.28	.06	.07																						T. 0.52	
Smith Center.....	Solomon.....		20																															.35 2.38
Topeka.....	Kansas.....	T.		T.		.53			.27	1.33	.97		T.		.05																	.3.31		
Valley Falls.....	do.....					.30	.11																										.3.63	
Vinland.....	do.....		.02		.27																												.5.82	
Wakeeney.....	Smoky Hill.....		.19																														.0.74	
Wallace.....	do.....																																	.01 0.47
Wamego.....	Kansas.....																																	2.52
<b>Missouri.</b>																																		
Amoret.....	Osage.....		T.			T.																												2.21
Appleton City.....	do.....			T. .10																														4.38
Arlington.....	Gasconade.....																																	3.55
Arthur.....	Osage.....																																	3.55
Avalon.....	Grand.....		.78		.25	.05	.35																										0.63	
Bagnell.....	Osage.....																																	.15 2.87
Bethany.....	Grand.....	T.																																4.45
Bolivar.....	Osage.....																																	2.79
Boonville   .....	Missouri.....																																	3.47
Brunswick   .....	Grand.....	10																																3.33
Clinton.....	Osage.....																																	3.25
Columbia.....	Missouri.....	.05 T.		.06																													2.40	
Conception.....	do.....	.12		.08 T.		.06			T.		T. .85																						5.91	
Crocker.....	Gasconade.....																																	4.56
Eldon.....	Osage.....																																	4.66
Eldorado Springs.....	do.....		T.																															2.68
Fayette.....	Missouri.....	.03		.02		.03	T.																											3.11
Fulton.....	do.....	.12					T.																											5.46
Glasgow   .....	do.....	.18																																2.66
Grant City.....	Grand.....	.50	.17		.12	T.	T.																											5.91
Harrisonville   .....	Osage.....																																	2.25
Hazelhurst.....	Grand.....																																	3.45
Hermann   .....	Missouri.....	.05																																4.12
Houston.....	Gasconade.....																																	4.60
Jefferson City   .....	Missouri.....																																	4.00
Kansas City.....	do.....																																	4.00
Kidder   .....	Grand.....																																	3.83
Lamonte.....	Missouri.....																																	3.18
Lebanon.....	Osage.....																																	4.11
Lexington   .....	Missouri.....																																	3.08
Liberty.....	do.....																																	1.25
Lockwood.....	Osage.....																																	2.71
Marshall.....	Missouri.....	10																																5.77
Maryville   .....	do.....	.40	.05																														3.71	
Mount Vernon.....	Osage.....																																	4.35
Nevada.....	do.....																																	2.34
Oregon.....	Missouri.....																																	2.94
Oscoda.....	Osage.....																																	4.40
Pattensburg   .....	Grand.....																																	4.97
Rolla.....	Gasconade.....																																	4.71
St. Charles.....	Missouri.....	T.																																3.28
St. Joseph.....	do.....																																	4.29
St. Louis (1).....	Mississippi.....	.04																																4.29
St. Louis (2).....	do.....	.01																																4.30
Sublett.....	Chariton.....																																	5.00
Trenton.....	Grand.....																																	3.94
Unionville   .....	Chariton.....	40 T.																																4.34
Warrensburg.....	Missouri.....																																	1.16
Warrenton   .....	do.....	.11																																3.93
Warsaw.....	Osage.....																																	5.90
Wheatland.....	do.....																																	2.50

\* Precipitation included in that of the next measurement.

## MONTHLY WEATHER REVIEW.

MAY, 1912

TABLE 3.—*Maximum and minimum temperatures for May, 1912. District No. 6, Missouri Valley.*

Date.	Wyoming.														Montana.													
	Basin.		Cheyenne.		Fort Laramie.		Lander.		Newcastle.		Pathfinder.		Sheridan.		Yellowstone Park.		Billings.		Dillon.		Havre.		Helena.		Lewistown.		Malta.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1.			69	34	77	30	64	32	76	42	64	32	71	39	45	26	61	29	48	34	61	42	56	34			66	29
2.			64	34	70	35	47	31	75	40	55	33	54	35	38	25	42	38	47	35	49	40	39	33			61	43
3.			43	28	46	39	38	29	65	35	46	29	35	32	36	27	43	36	45	34	45	39	44	34			43	35
4.			46	28	53	37	40	25	35	30	39	27	38	32	43	26	46	35	50	32	49	36	49	31			41	36
5.			51	32	59	35	49	18	41	28	48	28	48	36	46	29	56	40	55	35	51	36	54	41			40	31
6.			59	30	67	39	50	26	55	30	53	32	58	34	45	26	60	37	65	35	51	39	55	39			42	34
7.			63	35	70	35	60	32	61	32	60	32	64	30	58	26	72	34	69	36	71	36	68	34			75	29
8.			70	35	76	34	70	34	73	35	68	32	74	34	62	30	79	38	68	35	80	48	74	43			78	37
9.			68	42	76	32	67	38	78	40	66	44	75	36	61	34	82	39	68	37	70	40	68	44			78	40
10.			47	34	52	40	55	42	61	41	57	36	56	40	56	35	63	32	64	34	61	35	60	37			60	35
11.			46	32	55	36	47	31	57	39	46	33	52	39	48	29	63	42	65	36	65	33	60	39			65	31
12.			44	31	60	40	50	30	52	34	52	33	44	32	43	28	55	37	70	38	58	31	57	38			58	35
13.			35	28	63	35	47	30	53	32	41	28	53	27	51	23	62	26	71	36	67	30	63	35			64	31
14.			52	28	89	30	59	28	63	30	54	23	65	32	61	27	76	37	80	40	79	48	73	40			84	46
15.			59	37	74	40	70	43	71	38	63	38	74	45	63	32	83	44	84	45	83	45	78	44			81	47
16.			68	37	79	38	72	38	73	42	70	39	76	41	65	39	83	43	80	45	80	49	74	47			80	44
17.			72	42	83	39	75	42	76	51	73	41	71	44	65	35	78	42	81	37	73	46	71	48			77	49
18.			79	44	84	44	79	43	78	44	77	41	79	41	68	39	80	41	78	41	74	42	70	48			76	45
19.			67	46	75	47	69	45	75	50	73	47	70	46	62	38	74	44	78	45	84	48	67	44			67	45
20.			72	45	70	49	66	47	63	42	67	46	62	50	51	35	55	50	75	40	59	43	54	41			56	46
21.			76	45	76	50	63	41	58	51	66	41	61	47	47	35	60	45	68	38	53	45	61	38			66	44
22.			66	42	72	46	56	40	60	51	57	39	62	38	44	32	67	35	62	36	49	44	67	37			56	46
23.			66	38	73	39	60	33	65	50	60	38	64	32	47	28	66	38	63	34	63	44	56	37			60	42
24.			71	40	76	40	74	33	71	41	74	36	69	34	60	30	74	32	74	37	70	47	67	38			70	42
25.			79	49	89	45	78	42	84	52	78	41	78	38	69	36	78	35	75	44	76	40	76	41			80	41
Mns.			62.7	38.1	71.8	40.8	62.2	36.3	66.5	42.0	62.2	37.3	63.7	38.7	54.3	31.9	63.2	39.7	67.4	37.6	64.2	42.1	61.9	40.7			65.1	41.1
Date.	Montana.				North Dakota.												South Dakota.											
	Miles City.		Poplar.		Berthold Agency.	Bismarck.		Dickinson.		James-town. §§		Willis-ton.		Aber-deen. §§	Elling-ton.		Huron.	Kadoka.		Kimball.	Pierre.		Rapid City.					
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1.	75	36	69	37	72	40	70	45	69	33	71	33	68	41	78	45	72	35	73	44	77	39	73	41	76	47	70	42
2.	56	43	61	41	71	43	73	47	68	45	62	36	62	40	76	52	68	45	79	53	73	47	74	52	76	54	64	46
3.	40	38	44	36	49	38	67	40	57	36	72	47	41	38	76	56	55	35	80	58	57	40	81	55	73	47	46	33
4.	38	34	41	35	63	43	64	42	44	38	69	52	54	38	75	54	42	33	71	41	33	72	45	52	40	41	33	
5.	38	32	49	39	55	36	51	38	48	35	59	42	49	38	68	40	41	30	66	39	60	33	68	47	60	40	49	40
6.	48	36	48	36	52	39	52	39	47	35	53	40	46	36	65	38	50	32	66	42	56	40	67	66	44	60	43	
7.	68	35	66	40	68	39	67	43	65	37	65	40	66	39	65	40	64	33	65	40	67	37	69	38	69	41	65	35
8.	78	41	78	40	78	30	78	42	78	36	69	41	78	40	76	43	76	41	75	43	77	42	80	51	74	50		
9.	80	44	80	43	83	35	82	45	83	41	85	46	82	46	90	46	43	45	86	47	85	48	80	45	87	55	81	48
10.	60	43	67	41	69	43	63	43	70	41	59	51	59	41	60	56	63	40	68	45	69	48	70	50	59	43		
11.	66	37	65	31	65	33	64	37	61	32	64	41	63	32	60	40	61	28	62	41	65	39	60	39	62	41	55	43
12.	56	41	57	31	58	32	54	34	56	34	54	36	51	33	60	38	52	28	62	40	68	38	59	61	42	55	37	
13.	61	34	62	27	60	25	58	28	56	32	55	29	60	35	60	32	57	25	55	33	60	31	45	32	55	33	51	36
14.	70	44	74	65	67	42	67	40	66	39	64	38	66	49	70	35	67	35	66	37	67	37	66	42	62	38		
15.	81	52	79	42	66	27	61	29	64	37	57	31	68	37	62	34	67	39	56	33	61	42	56	34	59	37	65	44
16.	84	50	85	43	85	42	75	38	81	40	68	30	84	51	67	32	80	41	64	33	74	37	65	35	69	39	73	40
17.	76	54	75	55	76	45	80	46	74	46	80	38	68	41	88	36	76	48	84	43	82	46	86	39	83	47	75	52
18.	82	47	70	30	64	33	64	41	67	34	60	34	64	32	66	40	73	36	67	42	73	45	73	46	76	46		
19.	76	54	62	45	55	48	57	48	62	45	55	40	56	46	67	40	67	43	61	48	71	50	71	49	69	54	68	49
20.	55	51	60	40	60	45	62	46	55	46	64	41	57	46	66	48	52	47	66	47	60	47	65	48	65	49	5	

TABLE 3.—Maximum and minimum temperatures at selected stations for May, 1912. District No. 6—Continued.

Date.	South Dakota.				Colorado.				Nebraska.								Nebraska.											
	Sioux Falls.°F.		Water-town.°F.		Yankton.		Denver.		Wray.		Alma.		Bridgeport.		Grand Island.°F.		Hay Springs.		Hebron.		Lincoln.		North Platte.		Oakdale.		Omaha.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1.....	62	45	78	43	74	49	78	40	73	36	76	41	71	28	74	42	66	32	75	46	74	47	69	38	75	44	77	52
2.....	81	58	76	45	55	54	69	41	78	49	90	55	76	38	84	58	69	48	84	57	89	61	80	51	85	53	86	62
3.....	83	58	69	52	82	65	57	32	80	53	81	60	65	32	81	60	65	38	82	63	84	66	82	45	84	58	85	67
4.....	82	41	71	53	77	45	53	30	60	33	65	50	56	32	69	53	40	37	67	56	77	51	57	38	74	42	79	54
5.....	69	44	65	36	68	43	61	34	78	34	61	38	61	33	74	53	55	31	75	44	79	44	66	37	72	38	76	50
6.....	70	42	63	41	74	45	65	38	73	36	77	38	68	38	78	44	64	33	78	47	78	50	71	37	75	36	76	52
7.....	64	44	60	37	66	46	67	46	73	40	75	45	78	48	65	32	75	50	73	52	73	45	71	45	72	56	73	56
8.....	73	46	71	41	77	50	70	44	82	41	83	50	84	52	75	33	83	51	83	51	89	45	82	44	81	56	83	56
9.....	85	50	84	44	83	57	70	47	76	49	79	60	85	56	80	55	83	57	83	54	77	50	85	46	82	60	80	56
10.....	64	43	63	46	67	50	51	36	68	38	74	52	70	55	57	40	70	57	74	56	58	44	68	48	75	56	73	56
11.....	60	38	61	39	61	44	50	36	60	40	73	50	63	46	53	36	61	45	59	45	58	40	60	44	57	45	45	52
12.....	66	37	63	33	65	40	43	33	58	38	65	37	57	39	63	45	58	34	64	41	64	41	61	37	66	37	64	44
13.....	56	36	54	32	53	42	37	31	52	40	65	40	50	34	57	41	52	31	59	38	59	40	50	35	55	41	56	45
14.....	63	36	62	34	65	40	48	27	62	38	69	30	64	29	71	33	60	29	69	33	70	36	67	31	65	31	68	42
15.....	56	32	58	36	57	38	66	40	68	43	65	43	67	40	60	48	64	39	62	45	57	42	64	42	57	40	55	46
16.....	68	39	65	30	62	36	72	43	78	34	68	32	78	34	66	37	74	33	65	38	63	38	75	32	66	33	62	41
17.....	82	41	80	35	80	47	79	46	85	44	80	46	82	38	77	46	80	43	76	44	77	43	83	43	79	40	75	48
18.....	70	46	63	41	71	53	86	49	88	44	85	45	88	46	82	53	80	40	84	52	85	56	81	50	77	51	80	58
19.....	68	45	58	41	84	53	72	52	88	53	92	63	77	45	90	68	73	47	89	62	93	63	88	60	89	53	91	61
20.....	64	45	63	41	68	48	81	48	72	54	80	45	72	51	58	56	66	46	70	57	77	53	62	51	60	48	75	52
21.....	70	47	63	43	73	53	84	55	81	49	85	52	75	51	86	50	70	49	87	50	90	51	63	49	74	50	85	54
22.....	78	55	72	48	77	55	77	46	82	51	86	56	73	42	84	58	67	57	86	60	77	54	77	56	85	71	78	65
23.....	75	45	71	49	76	55	78	44	78	53	85	60	80	56	84	64	80	60	83	60	80	55	82	63	78	52	84	65
24.....	78	54	75	40	75	51	78	47	82	49	85	52	84	52	81	55	74	45	84	55	84	53	80	54	78	46	82	59
25.....	80	55	78	48	83	58	88	53	88	58	88	52	87	57	85	44	86	50	87	54	83	48	85	59	83	59	85	59
Mns.....	71.9	46.6	68.5	43.3	73.3	50.0	69.0	43.2	76.5	45.2	78.9	48.8	71.2k	39.4k	76.5a	52.5	68.5	40.4	77.4	52.4	77.6	49.3	73.5	46.0	74.1	46.9	76.9	55.6

Date.	Iowa.				Kansas.								Missouri.								Kansas City.		St. Louis.		Unionville.°F.	
	Valentine, Nebr.		Clarinda.°F.		Sibley.°F.		Sioux City.		Colby.		Concordia.		Salina.		Topeka.		Wakeeney.		Columbia.		Kansas City.		St. Louis.		Unionville.°F.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1.....	73	40	78	45	77	41	74	49	73	44	77	51	78	53	83	59	73	45	82	54	80	58	79	53	76	42
2.....	72	50	85	52	76	47	83	58	88	47	87	64	88	60	86	67	86	68	84	69	86	63	83	54	82	60
3.....	70	44	86	61	83	51	82	65	85	60	83	56	80	58	84	64	80	60	83	64	82	66	81	65	82	60
4.....	45	38	78	60	78	57	76	51	73	39	70	49	78	57	79	53	66	42	85	63	79	63	82	66	85	58
5.....	63	37	76	40	71	38	71	45	70	40	77	48	73	48	83	48	76	44	80	59	81	55	80	67	82	40
6.....	68	40	80	48	71	40	76	48	72	40	78	51	78	51	82	45	78	44	84	59	80	57	82	50	82	50
7.....	66	38	76	48	64	40	67	49	76	46	73	54	76	59	76	58	74	48	79	57	77	58	81	63	74	50
8.....	79	41	84	43	73	44	77	51	84	46	83	56	79	55	81	56	75	49	80	55	81	60	80	64	86	46
9.....	83	52	85	56	80	53	82	55	84	52	87	55	85	56	86	60	80	56	83	63	76	62	82	50	85	50
10.....	56	43	80	56	61	43	68	51	75	44	71	57	74	57	74	57	72	50	81	61	73	59	77	60	80	56
11.....	56	40	55	54	61	43	61	45	60	42	62	48	62	59	59	48	64	44	72	50	64	51	69	55	61	54
12.....	61	35	65	41	61	37	65	41	62	37	63	43	64	41	63	44	64	38	63	47	62	46	56	43	64	42
13.....	52	36	64	38	56	39	57	42	57	42	62	42	65	40	66	44	59	39	66	42	66	47	66	46	65	39
14.....	64	38	69	33	61	32	64	40	65	32	67	38	68	37	65	43	68	32	64	46	62	47	66	52	62	37
15.....	56	40	61	41	52	37	56	42	66	44	70	48	63	46	67	45	66	46	66	49	63	50	63	40		
16.....	71	35	64	39	62	34	64	36	76	34</																